

Best Available Copy



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : December 27, 2005  
Kneg-Yu Shih : Examiner: Jennine Brown  
U.S. Serial No. 10/633,509 : Art Unit: 1755  
Filed: August 5, 2003 : Docket No. W-9459-02  
For: ACTIVE HETEROGENEOUS BI- or TRI-  
DENTATE LIGAND/TRANSITION METAL  
CATALYST

Commissioner of Patents  
Mail Stop: Petitions  
P.O. Box 1450  
Alexandria, VA 22313

12/29/2005 JADD01 00000101 071770 10633509  
01 FC:1452 500.00 DA

**Petition to Revive Abandoned Application**  
**Under 37 CFR 1.137 (a)**

This Petition is submitted in view of the Notice of Abandonment issued by the U.S. Patent Office on November 17, 2005 with respect to the above-identified application.

Attorney for Applicants petitions the Commissioner of Patents and the Director under the provisions of 37 CFR 1.137(a) to have the above-identified application revived and placed on the active docket of the U.S. Patent & Trademark Office for further prosecution of same. In the alternative, upon consideration of the present Petition by the Commissioner and the Director, if there is a decision that the present Petition is not proper under the provisions of 37 CFR 1.137(a), than Attorney for Applicant requests this Petition to be made under either 37 CFR 1.137(b) or 37 CFR 1.181

It is respectfully submitted that any delay in making a timely reply to a presumably issued Office Action dated 18 January 2005 was unavoidable on the part of Applicant in view of the fact that no such Office Action was formally or even informally received by Applicant, Attorney for Applicant, nor Legal Department of Applicant's employer prior to the expiration of the statutory reply period.

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Prior to the Notice of Abandonment issued November 17, 2005, the last Office Action officially received by Applicant was dated April 8, 2004. Applicant timely replied to said Office Action by a Letter of Response with its Appendix 1 as well as with a Petition for Extension of Time and the required fees. This reply was received by the US Patent Office on August 10, 2004. In response to a telephone request by the Examiner on October 18, 2004, Applicant further submitted an additional copy of Appendix 1 of said Letter of Reply by facsimile directly to the Examiner. A copy of the Letter of Reply submitted August 10, 2004, the receipt card for same and the faxed correspondence dated October 18, 2004 are attached hereto as **Attachment A**.

On or about August 17, 2005, Examiner Jennine Brown of the US Patent Office contacted the offices of Attorney for Applicant and left a telephone message making a courtesy inquiry with respect to Applicants intent to abandon the subject application. In response to the Examiner's message, Attorney for Applicant held a telephone conference with the Examiner on August 30, 2005. During said conference, Examiner Brown informed Attorney for Applicants that a Notice of Non-Compliant Amendment had issued on January 18, 2005. This was the first indication that such Office Action had issued. At the request of Attorney for Applicant, the Examiner provided, by facsimile, an informal copy of the Office Action to Attorney. A copy of same is attached hereto as **Attachment B**

Attorney for Applicants declares that the Notice of Non-Compliant Amendment dated January 18, 2005 was not received by Applicant, Attorney for Applicant nor the Legal Department of Applicant's employer. The lack of receipt of the Notice from the USPTO precluded action on the part of Applicant and caused the unavoidable delay in filing of a Response thereto.

Attorney for Applicants herewith states that the file of the subject application has been reviewed and does not contain the presumably issued Notice of Non-Compliant Amendment nor an indication that same was entered therein. Further, a thorough review of the docket maintained for all items received at the Patent Department of Applicant's employer (the address of record for the subject application) shows that no Office Action was received. A copy of the dockets internally published by the Office Docket Clerk on January 14, 2005; February 1, 2005; and February 16, 2005 (The three dockets issued during the month subsequent to the issue date of the Notice) are attached hereto as **Attachment C; Attachment D; and Attachment E**. If such Notice was received, it would have been an item on the docket as it is standard procedure that each item of mail is first reviewed and entered on said docket by the Office Docketing Clerk. It is respectfully submitted that the Notice was not received by Attorney for Applicant nor by the Patent Department of Applicant's employer.

The faxed copy of the Office Action dated January 18, 2005 states that:

"Applicant has not amended the new claim properly, as any claims added by amendment must be presented in the claim listing with the status identifier "(new)"; the text of the claim must not be underlined. Note the newly added claim is underlined."

In view of the telephone conference with the Examiner and the faxed copy of the prior un-received Office Action, Attorney for Applicant submitted a Request for Re-Issuance of Un-Received Office Action. This paper was submitted in accordance with 37 CFR 1.181 and 1.134(c). The Request further included a corrected set of claims in compliance with the requirements of 37 CFR 1.121(c). Attached to and in support of said Request was Attachments A, B, C, D and E which correspond to Attachments B, C, D, E and the claims of Attachment G of the present Petition. A copy of the Request dated September 1, 2005 (without its Attachments) is submitted herewith as **Attachment F**.

Attorney for Applicant herewith submits, as **Attachment G**, a formal Letter of Reply to the presumably issued Notice of Non-Compliant Amendment. It is respectfully submitted that the claims objected to in said Notice ("Applicant has not amended the new claim [168] properly,...the text of the claim must not be underlined.") are herein submitted in accordance with 37 CFR 1.121(c).

Attorney for Applicant has awaited a reply to the submitted Request dated September 1, 2005 in order to promptly proceed forward in the most proper manner. It is presumed that the Notice of Abandonment dated November 17, 2005 is USPTO's reply to Applicant's Request.


Attorney for Applicant requests the Commissioner and the Director to invoke their supervisory authority to withdraw the holding of abandonment and to have the present application placed on the active rolls of applications subject to examination. Further, Attorney for Applicant requests the Commissioner and the Director to invoke their supervisory authority to enter the Letter of Reply submitted hereunder as Attachment G to supplement Applicant's Letter of Reply dated August 9, 2004.

The Commissioner and the Director are hereby authorized to charge Deposit Account 07-1770 the petition fee as set forth in 37 CFR 1.17(*I*). If the Commissioner and Director deem this Petition to be appropriate under another Section of CFR, they are authorized to:

- ☒ credit any overpayment
- ☒ charge any additional fee required.

A duplicate copy of this page is attached.

Respectfully submitted,

  
Howard Troffman  
Attorney for Applicant  
Reg. Number 25,184

Telephone: 301-299-9326  
Facsimile : 301-299-4575

cc: R. Woodruff (W.R. Grace)

In view of the telephone conference with the Examiner and the faxed copy of the prior un-received Office Action, Attorney for Applicant submitted a Request for Re-Issuance of Un-Received Office Action. This paper was submitted in accordance with 37 CFR 1.181 and 1.134(c). The Request further included a corrected set of claims in compliance with the requirements of 37 CFR 1.121(c). Attached to and in support of said Request was Attachments A, B, C, D and E which correspond to Attachments B, C, D, E and the claims of Attachment G of the present Petition. A copy of the Request dated September 1, 2005 (without its Attachments) is submitted herewith as **Attachment F**.

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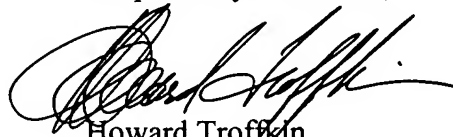
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- ☒ credit any overpayment
- ☒ charge any additional fee required.

A duplicate copy of this page is attached.

Respectfully submitted,



Howard Troffan  
Attorney for Applicant  
Reg. Number 25,184

Telephone: 301-299-9326  
Facsimile : 301-299-4575

cc: R. Woodruff (W.R. Grace)

Duplicate for File



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ATTACHMENT A  
U.S. Ser No 10/633,509  
Petition

The Patent & Trademark Office stamp affixed hereto indicates date of receipt of a Transmittal Form; Fee Transmittal Form and authorization to charge Deposit Account (in duplicate); Request for Extension of Time; an Amendment with an Appendix 1; in response to an Office Action dated April 8, 2004 for U. S. Serial Number 10/633,509; filed August 5, 2003; Inventor: Keng-Yu Shih

TITLE: Active Heterogeneous Bi- or Tri-Dentate Ligand/Transition Metal Catalyst

HJT:lib  
Atty Docket: W-9459-02  
Mailed: August 9, 2004

The Patent & Trademark Office stamp affixed hereto indicates date of receipt of a Transmittal Form; Fee Transmittal Form and authorization to charge Deposit Account (in duplicate); Request for Extension of Time; an Amendment with an Appendix 1; in response to an Office Action dated April 8, 2004 for U. S. Serial Number 10/633,509; filed August 5, 2003; Inventor: Keng-Yu Shih

TITLE: Active Heterogeneous Bi- or Tri-Dentate Ligand/Transition Metal Catalyst

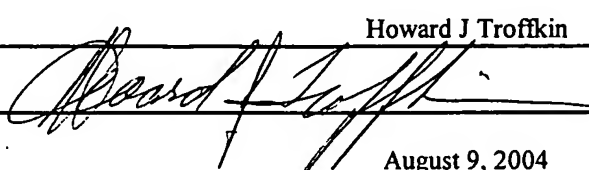
HJT:lib  
Atty Docket: W-9459-02  
Mailed: August 9, 2004

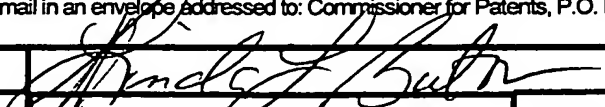


Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<h1 style="text-align: center;">TRANSMITTAL FORM</h1> <p style="text-align: center;">(to be used for all correspondence after initial filing)</p>	Application Number	10/633,509	
	Filing Date	08/05/2003	
	First Named Inventor	Keng-Yu Shih	
	Group Art Unit	1755	
	Examiner Name	Jennine M. Brown	
Total Number of Pages in This Submission	31	Attorney Docket Number	W-9459-02

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form (2X) <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Appendix 1 and Return Post Card _____ _____ _____
Remarks _____ _____ _____		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Howard J Troffkin
Signature	
Date	August 9, 2004

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Signature			
Typed or printed name	Linda L. Burton	Date	August 9, 2004

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**FEE TRANSMITTAL**  
**for FY 2004**

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT**

\$128.00

**Complete If Known**

Application Number	10/633,509
Filing Date	August 05, 2003
First Named Inventor	Keng-Yu Shih
Examiner Name	Jennine M. Brown
Art Unit	1755
Attorney Docket No.	W-9459-02

**METHOD OF PAYMENT (check all that apply)**☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit  
Account  
Number  
Deposit  
Account  
Name

07-1770

W.R.Grace &amp; Co.-Conn - MD

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments  
☒ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.
**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Small Entity

Fee Code	Fee \$	Fee Code	Fee \$	Fee Description	Fee Paid
1001		2001		Utility filing fee	
1002		2002		Design filing fee	
1003		2003		Plant filing fee	
1004		2004		Reissue filing fee	
1005		2005		Provisional filing fee	
<b>SUBTOTAL (1)</b>					<b>\$0.00</b>

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims **208** - **207** = **1** x **18.00** = **18**  
 Independent Claims **0** - **0** = **0** x **0** = **0**  
 Multiple Dependent Claims **0** - **0** = **0** x **0** = **0**

Large Entity Fee Code	Large Entity Fee \$	Small Entity Fee Code	Small Entity Fee \$	Fee Description	Fee Paid
1202	18	2202		<input type="checkbox"/> Claims in excess of 20	
1201		2201		<input type="checkbox"/> Independent claims in excess of 3	
1203		2203		<input type="checkbox"/> Multiple dependent claim, if not paid	
1204		2204		<input type="checkbox"/> ** Reissue independent claims over original patent	
1205		2205		<input type="checkbox"/> ** Reissue claims in excess of 20 and over original patent	
<b>SUBTOTAL (2)</b>					<b>\$18.00</b>

\* or number previously paid, if greater. For Reissues, see above

Or ☐ Total Filing and Extra Claim Fees As Filed **\$0.00**  
☐ Total Extra Claim Fees As Amended From Page 2 Parts 1 or 2 **\$0.00**

**SUBMITTED BY** This Fee is In Lieu Of Parts 1 and 2 aboveName (Print Type) **Howard J Troffkin**

Signature

Registration No.  
(Attorney Agent)

25184

Telephone

301-299-9326

Date

August 9, 2004

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code	Fee \$	Fee Code	Fee \$	Fee Description	Fee Paid
1051		2051		Surcharge - late filing fee or oath	
1052		2052		Surcharge - late provisional filing fee or cover sheet	
1053		2053		Non-English specification	
1812		2812		For filing a request for ex parte reexamination	
1804*		2804*		Requesting publication of SIR prior to Examiner action	
1805*		2805*		Requesting publication of SIR after Examiner action	
1251	110.00	2251		Extension for reply within first month	110.00
1252		2252		Extension for reply within second month	0
1253		2253		Extension for reply within third month	0
1254		2254		Extension for reply within fourth month	0
1255		2255		Extension for reply within fifth month	0
1401		2401		Notice of Appeal	
1402		2402		Filing a brief in support of an appeal	
1403		2403		Request for oral hearing	
1451		2451		Petition to institute a public use Proceeding	
1452		2452		Petition to revive - unavoidable	
1453		2453		Petition to revive - unintentional	
1501		2501		Utility issue fee (or reissue)	
1502		2502		Design issue fee	
1503		2503		Plant issue fee	
1460		2460		Petitions to the Commissioner	
1807		2807		Processing fee under 37 CFR 1.17(q)	
1808		2808		Submission of Information Disclosure Stmt	
8021		28021		Recording each patent assignment per property (times number of properties)	
1809		2809		Filing a submission after final rejection (37 CFR 1.129(a))	
1810		2810		For each additional invention to be examined (37 CFR 1.129(b))	
1801		2801		Request for Continued Examination (RCE)	
1802		2802		Request for expedited examination of a design application	

Other fee (specify)

\* Reduced by Basic Filing Fee Paid

\*\* Use Large Entity Fee Where No Form Fill Field Exists

**SUBTOTAL (3)****\$110.00**

(Completes (if applicable))

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

\$128.00

## Complete If Known

Application Number	10/633,509
Filing Date	August 05, 2003
First Named Inventor	Keng-Yu Shih
Examiner Name	Jennine M. Brown
Art Unit	1755
Attorney Docket No.	W-9459-02

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None
☒ Deposit Account:Deposit  
Account  
Number  
Deposit  
Account  
Name

07-1770

W.R. Grace &amp; Co.-Conn - MD

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee \$	Fee Code	Fee \$		
1001		2001		Utility filing fee	
1002		2002		Design filing fee	
1003		2003		Plant filing fee	
1004		2004		Reissue filing fee	
1005		2005		Provisional filing fee	
SUBTOTAL (1)					\$0.00

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims 208 - 207 = 1 x 18.00 = 18

Independent Claims 0 - 0 = 0 x 0 = 0

Multiple Dependent Claims 0 - 0 = 0 x 0 = 0

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee \$	Fee Code	Fee \$		
1202	18	2202		<input type="checkbox"/> Claims in excess of 20	
1201		2201		<input type="checkbox"/> Independent claims in excess of 3	
1203		2203		Multiple dependent claim, if not paid	
1204		2204		<input type="checkbox"/> ** Reissue independent claims over original patent	
1205		2205		<input type="checkbox"/> ** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)					\$18.00

\*\*or number previously paid, if greater. For Reissues, see above

Or ☐ Total Filing and Extra Claim Fees As Filed

☐ Total Extra Claim Fees As Amended

From Page 2 Parts 1 or 2

\$0.00

SUBMITTED BY This Fee is in Lieu Of Parts 1 and 2 above

Name (Print Type) Howard J Troffkin

Signature

Registration No.  
(Attorney I Agent)

25184

Telephone

301-299-9326

Date

August 9, 2004

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code	Fee \$	Fee Code	Fee \$	Fee Description	Fee Paid
1051		2051		Surcharge - late filing fee or oath	
1052		2052		Surcharge - late provisional filing fee or cover sheet	
1053		1053		Non-English specification	
1812		1812		For filing a request for ex parte reexamination	
1804*		1804*		Requesting publication of SIR prior to Examiner action	
1805*		1805*		Requesting publication of SIR after Examiner action	
1251	110.00	2251		Extension for reply within first month	110.00
1252		2252		Extension for reply within second month	0
1253		2253		Extension for reply within third month	0
1254		2254		Extension for reply within fourth month	0
1255		2255		Extension for reply within fifth month	0
1401		2401		Notice of Appeal	
1402		2402		Filing a brief in support of an appeal	
1403		2403		Request for oral hearing	
1451		1451		Petition to Institute a public use Proceeding	
1452		2452		Petition to revive - unavoidable	
1453		2453		Petition to revive - unintentional	
1501		2501		Utility issue fee (or reissue)	
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1503		2503		Plant issue fee	
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1801		2801		Request for Continued Examination (RCE)	
1802		1802		Request for expedited examination of a design application	

Other fee (specify)

\* Reduced by Basic Filing Fee Paid

\*\*Use Large Entity Fee Where No Form

Fill Field Exists

SUBTOTAL (3)

\$110.00

(Complete if applicable)

Toolawntor Inc.

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a)

Docket Number (Optional)

W-9459-02

In re Application of  
Keng-Yu ShihApplication Number  
10/633,509Filed  
08/05/2003For  
Active Heterogeneous Bi- or Tri- Dentate Ligand/Transition Metal CatalystGroup Art Unit  
1755Examiner  
Jennine M. Brown

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a reply in the above identified application.

The requested extension and appropriate non-small-entity fee are as follows  
(check time period desired):

- ☒ One month (37 CFR 1.17(a)(1)) (Fee Code 1251) \$ 110.00
- ☐ Two months (37 CFR 1.17(a)(2)) (Fee Code 1252) \$ \_\_\_\_\_
- ☐ Three months (37 CFR 1.17(a)(3)) (Fee Code 1253) \$ \_\_\_\_\_
- ☐ Four months (37 CFR 1.17(a)(4)) (Fee Code 1254) \$ \_\_\_\_\_
- ☐ Five months (37 CFR 1.17(a)(5)) (Fee Code 1255) \$ \_\_\_\_\_

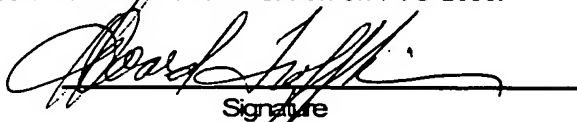
☐ Applicant claims small entity status. See 37 CFR 1.27. Therefore, the fee amount shown above is reduced by one-half, and the resulting fee is: \$ 0.00☐ A check in the amount of the fee is enclosed.☐ Payment by credit card. Form PTO-2038 is attached.☒ The Commissioner has already been authorized to charge fees in this application to a Deposit Account.☐ The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account Number \_\_\_\_\_

I have enclosed a duplicate copy of this sheet.

I am the ☐ applicant/inventor☐ assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).☒ attorney or agent of record.☒ attorney or agent under 37 CFR 1.34(a).  
Registration number if acting under 37 CFR 1.34(a) 25184**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

August 9, 2004

Date



Signature

Howard J Troffkin

Typed or printed name

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☒ Total Of 1 forms are submitted.

**TRANSMITTAL LETTER  
(General - Patent Pending)**

Docket No.  
W-9459-02

In Re Application Of: **KENG-YU SHIH et al.**

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
10/633509	08/05/2003	JENNINE BROWN		1775	

Title: **ACTIVE HETEROGENEOUS BI- AND TRI-DENTATE CATALYST**

COMMISSIONER FOR PATENTS:

Transmitted herewith is:

**REQUEST FOR RE-ISSUANCE OF UN-RECEIVED OFFICE ACTION**

in the above identified application.

- ☒ No additional fee is required.
- ☐ A check in the amount of \_\_\_\_\_ is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. **07-1770** as described below.
- ☐ Charge the amount of \_\_\_\_\_
- ☒ Credit any overpayment.
- ☒ Charge any additional fee required.
- ☐ Payment by credit card. Form PTO-2038 is attached.

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

  
Signature

**HOWARD TROFFKIN  
ATTORNEY FOR APPLICANTS  
REG. NO. 25184**

Dated: **SEPT. 1, 2005**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on

\_\_\_\_\_  
(Date)

\_\_\_\_\_  
Signature of Person Mailing Correspondence

\_\_\_\_\_  
Typed or Printed Name of Person Mailing Correspondence

cc: **R. WOODRUFF**

CASE No. W-9459-02

SERIAL No. 10/633,509

FILED: Aug 5, 2003

INVENTOR: Heng-Yu Shih et al.

The Patent & Trademark Office acknowledges, and has stamped hereon the date of receipt of the items checked below:

- ☐ AFFIDAVIT
- ☐ AMENDMENT ☐ APPEAL NOTICE
- ☐ APPLICATION PAPERS - OATH/DECLARATION
- TOTAL CLS. ☐ IND. CLS. ☐ FEE \$ ☐
- ☐ SHEETS OF DRAWING
- ☐ ASSIGNMENT ☐ BRIEF
- ☐ CERTIFICATE OF CORRECTION
- ☐ CLAIM OF PRIORITY AND CERTIFIED COPIES
- ☐ DECLARATION
- ☐ ISSUE FEE - BASE/BALANCE
- ☐ LETTER - CHARGE DEPOSIT ACCOUNT
- ☐ LETTER ☐ LICENSE/DEED
- ☐ MOTION
- ☐ PETITION
- ☐ PRELIMINARY STATEMENT
- ☐ INFORMATION DISCLOSURE STATEMENT
- ☐ REQUEST FOR EXTENSION OF TIME
- ☐ RESPONSE ☐ STIPULATION
- ☐ SWORN TRANSLATIONS
- ☐ MAINTENANCE FEE TRANSMITTAL

☒ Request For Re-Issuance of  
Unreceived Office Action

Check No. ☐ \$ ☐

Authorized to change  
Deposit Acct 07-1770

During a reply telephone conference on August 30, 2005, Examiner Brown informed Attorney for Applicants that said Office Action was issued as Notice of Non-Compliant Amendment because the Amendment filed on October 18, 2005 by Applicant failed to meet the requirements of 37 CFR 1.121(h). At the request of Attorney for Applicant, the Examiner provided, by facsimile, a copy of the Office Action to Attorney. A copy of same is attached hereto as Attachment A

Attorney for Applicants submits that the Office Action of January 18, 2005 was not received at the addressed office of-

Howard J. Troffkin  
W.R. Grace & Co.-Conn  
Patent Department  
7500 Grace Drive  
Columbia, MD 21044-4098

PATENT

**UNITED STATES PATENT AND TRADEMARK OFFICE**

Date: September 1, 2005

Group Art Unit: 1755

Examiner: Jennine Brown

Docket No.: W-9459-02

for tri-dentate catalyst

**ISSUANCE OF UN-RECEIVED OFFICE ACTION**

estimates to determine that the subject application is not abandoned, the subject application and to have the Office Action that was on January 18, 2005 be reissued and delivered to Attorney for

5, Examiner Jennine Brown contacted the offices of Attorney inquiry with respect to Applicants intent to abandon the subject se to an Office Action issued January 18, 2005.

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In The Application of

Keng-Yu Shih, et al.

Serial No.: 10/633,509

Filed: August 5, 2003

For: Active, heterogeneous bi- or tri-dentate catalyst

Date: September 1, 2005

Group Art Unit: 1755

Examiner: Jennine Brown

Docket No.: W-9459-02

Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

REQUEST FOR RE-ISSUANCE OF UN-RECEIVED OFFICE ACTION

Attorney for Applicant requests to determine that the subject application is not abandoned, to determine the present status of the subject application and to have the Office Action that was presumably issued by the USPTO on January 18, 2005 be reissued and delivered to Attorney for Applicants.

On or about August 17, 2005, Examiner Jennine Brown contacted the offices of Attorney for Applicant to make a courtesy inquiry with respect to Applicants intent to abandon the subject application in view of non-response to an Office Action issued January 18, 2005.

During a reply telephone conference on August 30, 2005, Examiner Brown informed Attorney for Applicants that said Office Action was issued as Notice of Non-Compliant Amendment because the Amendment filed on October 18, 2005 by Applicant failed to meet the requirements of 37 CFR 1.121(h). At the request of Attorney for Applicant, the Examiner provided, by facsimile, a copy of the Office Action to Attorney. A copy of same is attached hereto as **Attachment A**

Attorney for Applicants submits that the Office Action of January 18, 2005 was not received at the addressed office of-

Howard J. Troffkin  
W.R. Grace & Co.-Conn  
Patent Department  
7500 Grace Drive  
Columbia, MD 21044-4098



Attorney for Applicants herewith declares that the file of the subject application has been reviewed and it does not contain a Notice of Non-Compliant Amendment nor an indication that same was entered therein. Further, a thorough check of the docket maintained for all items received at the above address shows that no Office Action was received. A copy of the dockets internally published by the Office Docket Clerk on January 14, 2005; February 1, 2005; and February 16, 2005 (The three dockets issued during the month subsequent to the mailing of the Notice) are attached hereto as "**Attachment B; Attachment C; and Attachment D**". If such Notice was received, it would have been an item on the docket as each item of mail is first reviewed and entered by the Office Docketing Clerk. It is respectfully submitted that the Notice was not received by Attorney for Applicant.

The Office Action states that:

"Applicant has not amended the new claim properly, as any claims added by amendment must be presented in the claim listing with the status identifier "(new)"; the text of the claim must not be underlined. Note the newly added claim is underlined."

Attorney for Applicants herewith submits, as **Attachment E**, a copy of the claims in proper form according to 37 CFR 1.121 (h).

Attorney for Applicant submits that without receipt of the subject Notice, he is of the belief that the subject application is pending in the US Patent Office for further review by the Examiner and that nothing is presently due from Applicant.

Attorney for Applicants requests that the US Patent & Trademark Office reissue the Notice of Non-Compliant Amendment with a current date of issue to provide Attorney for Applicants a prescribed time to timely respond thereto. It is also requested that the Examiner contact the Attorney to confirm that the subject application is not abandoned and will be considered for further prosecution upon the filing of Attachment E as part of a response to the newly issued Notice.

Respectfully submitted,

Howard Troffkin  
Attorney for Applicants  
Reg. No. 25,184

Telephone: 301-299-9326  
Facsimile: 301-299-4575

cc: R. Woodruff (Grace)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In The Application of : Date: August 9, 2004  
Keng-Yu Shih, et al. : Group Art Unit: 1755  
Serial No.: 10/633,509 : Examiner: Jennine Brown  
Filed: August 5, 2003 Docket No.: W-9459-02  
For: Active, heterogeneous bi- or tri-dentate catalyst

Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Letter of Response

Kindly enter the present Amendment into the above-identified application in response to the Office Action date April 8, 2004. A Petition for Extension of Time to Reply and the required fee under 37 CFR 1.17 (a) are concurrently submitted.

**Amendments to the Claims** begins on Page 2 of this paper.

**Remarks/Arguments** begin on Page 3 of this paper.

**Appendix 1** attached to this Letter of Response includes a listing of claims of the present application.

**Amendments to the Claims:**

The listing of Claims, as shown in Appendix I, attached hereto, will replace all prior versions and listings of claims of the present application.

### Remarks/Arguments

Attorney for Applicant submits this Amendment to further distinguish the claimed invention from the prior art of record and to place the present application in condition for allowance. Such action is respectfully solicited.

Claims 71 to 167 remain in the subject application. New Claim 168 has been introduced.

The Examiner has objected to Claims 100-131 based on the contention that the preamble of these Claims indicates that they are directed to a catalyst composition but the substance of the claim is directed to process steps. The Examiner suggests that Claims 100-131 be cancelled, or amended to be made dependent on independent process claim 162 or be rewritten in independent form.

It is respectfully submitted that the present invention is properly defined by:

- Product-by-process Claims 71-132 wherein the catalyst composition is "formed by contacting substantially simultaneously in a single reaction zone and in an inert liquid" the defined components a), b) and c). The exact nature of the catalyst composition, once the components a), b) and c) have been contacted together is not readily identifiable and therefore, properly defined in product-by-process claim format.
- Product Claims 133 to 161 directed to a mixture of components a), b) and c) irrespective of how formed. These claims define

the initial mixture of components a), b) and c) and may also define the resultant product.

- Process Claims 162 to 168 directed to a process of forming the subject catalyst composition.

It is respectfully submitted that Claims 100-131 properly aid in defining and further limiting independent product-by-process Claim 71.

Independent Claim 71 requires the three defined components to be contacted "substantially simultaneously". The Examiner cites Merriam-Webster dictionary definition of the term "simultaneous" as an act that occurs at the same time. However, the claim term is "substantially simultaneously" which is taught to refer to contacting the three components in a rapid or an uninterrupted manner either by concurrent or uninterrupted sequential introduction into a single reaction zone.

In view of the Examiner's suggestion, Claims 72 and 73 have been amended to more clearly indicate that "precatalyst" and "transition metal compound" both refer to component c) defined in Claim 71.

The Examiner has rejected Claims 72, 73, 134 and 135 in view of the term "anionic ligand group" as used in section (iii) of each claim. The claims have been amended to fully overcome this rejection. Withdrawal of the rejection is solicited.

The Examiner has rejected certain indicated claims under 35 USC 102 (a) over the teaching of Bennett (US Patent 5,955,555), Mackenzie, et al. (US Patent 6,303,720) and Ponasik, et al. (US Patent 6,365,539). It is respectfully submitted that the presently claimed invention is distinct from and not

suggested by the cited teachings. Each of the rejections should be withdrawn.

For clarification purposes, Applicant wishes to aid the Examiner by describing certain unique features of the presently claimed invention over that of the known art.

The present invention is directed to a supported catalyst composition. Applicant acknowledges that the defined aluminum compound has been used as cocatalyst/activator in other catalyst compositions; that inorganic oxides, such as silica and alumina materials, have been used as supports in other catalyst compositions; and that bi-and/or tri-dentate transition metal complexes have been used as precatalyst in other catalyst compositions. However, it is respectfully submitted that the presently claimed highly active catalyst composition is not disclosed nor suggest by the prior art.

The prior art teaches that Lewis acid compounds are useful as cocatalyst/activator for bi- and tri-dentate/transition metal complex pre-catalysts. However, when forming a supported catalyst of such components, those skilled in the art deem it necessary to combine the precatalyst with a strong Lewis acid co-catalyst compound (such as difficult to handle MAO or costly borane compounds). The short comings of such co-catalysts are fully discussed in the background section of the present application.. In order to provide or enhance the activity when a weak Lewis acid activator is used, it has been standard practice to i) use large quantities of such weak Lewis acid compounds relative to the transition metal precatalyst and/or ii) augment the weak Lewis acid with one of the strong Lewis acid compound described

above. None of the above systems provides a commercially desirable means of attaining an active catalyst composition.

It is further known and recognized that inorganic oxides, such as silica, alumina and like, are useful materials in forming supported catalyst compositions. The choice of such material is large as many different inorganic oxides are commercially available. When such systems are desired, it is conventional to initially impregnate the support with either a pre-catalyst or co-catalyst of choice to initially form an intermediate support material. This isolated material is subsequently contacted with the other component, usually in the polymerization zone.

What is distinct in the present invention is that a supported catalyst can be formed by substantially simultaneously contacting defined components a), b) and c). The component a) is reserved to certain weak Lewis acid aluminum compounds (normally used in large amounts or augmented by strong Lewis acid compound) used in very low molar ratio of aluminum of a) to transition metal of c) of from 1:1 to 25:1. This is counter to that taught by the prior art. The component b) is restricted to inorganic oxides having very low surface hydroxyl groups. The large number of commercially available inorganic oxides do not have this property as an inherent feature. Such feature is not standard with respect to commercial product. Even if, arguendo, such material can be commercially obtained, there is no teaching which directs the artisan to use this particular material as the required support.

Thus, the presently claimed invention requires certain specific co-catalyst and support components with properties and in amounts not taught

by the cited art. Applicant has unexpectedly found that a highly active catalyst composition (one capable of forming commercially desired high molecular weight polymer instead of undesired low molecular weight oligomer product) can be achieved when the defined components are substantially simultaneously contacted together in certain claimed ratios.

With respect to Bennett, it is recognized that this reference teaches various aluminum compounds as useful. The illustrative examples of Bennett show that MAO is the activator of choice when preparing supported catalyst compositions. Further, Bennett teaching, at Col. 10, l 41-49, supports prior art's thinking with respect to Applicant's aluminum component [component a)]. Further, Bennett does not teach or suggest the use of any particular support, as presently required. All silica and alumina compounds deemed useful as supports do not inherently have the presently required property.

With respect to Mackenzie et al., this reference, like Bennett, teaches a wide variety of Lewis acid compounds suitable as co catalysts. Mackenzie et al. teaches that such compounds need to be capable of abstracting the anionic specie  $Q^-$  or  $W^-$  of the precatalyst and, by their illustrative examples, show that MAO and the like are preferred. There is no teaching of the presently claimed specific properties for the inorganic oxide. The Examiner's contention that such properties are inherent in all commercially available materials is not supported nor correct.

With respect to Ponasik et al., the same comments as made above with respect to Bennett and Mackenzie et al., are applicable to this reference.

It is well recognized that catalytic chemistry is an unpredictable art and general teachings can not be deemed to teach nor make obvious a specific



combination unexpectedly found to achieve desired high catalytic activity capable of forming high molecular weight product. This is especially so when the amount and type of certain components are contrary to such general and established teaching. For this reason, it is respectfully submitted that the references do not support the present rejections of the claims. Withdrawal of these rejections are solicited.

The Examiner has rejected all of the claims presently under consideration over the claims of U.S. 6,686,306; U.S. 6,559,090; U.S. 6,399,535; and U.S. 6,184,171. It is respectfully submitted that these rejections are not appropriate with respect to the present application and should be withdrawn.

The present application claims priority to U.S. Serial No. 09/431,803 having a filing date of November 1, 1999, a date which is earlier than or the same as the filing dates of U.S. '306; U.S. '090; and U.S. '535. Thus, the patent term for any patent granted from the present application would be earlier than or the same as that of these cited patents. The judicial doctrine of double patenting is not applicable in such instance.

With respect to U.S. 6,184,171, this cited reference is directed to a catalyst material having the catalyst moiety connected to a support material by an organo chain. The referenced claims are distinctly different from that of the present claims. It is respectfully submitted that the presently claimed invention should not be subject to the judicial doctrine of double patenting with respect to US '171.

Withdrawal of the double patenting rejections is solicited.

Applicant believes that the presently claimed invention is patentably distinct from the cited art and that the application is in condition for allowance. Such actions is respectfully solicited.

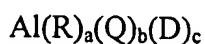
Respectfully submitted,

Howard J. Troffkin  
Attorney for Applicants  
Registration No. 25,184

IN THE CLAIMS:

71. (currently amended) A catalyst composition useful in the polymerization of olefins formed by contacting substantially simultaneously in a single reaction zone and in an inert liquid, the components comprising:

a) aluminum compounds selected from at least one aluminum compound represented by the formula



wherein

R is a hydrocarbyl group;

Q is a hydrocarbyloxy group;

D is hydrogen or halogen;

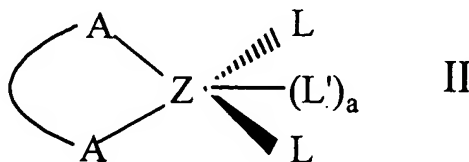
and each a, b, c is an integer of 0-3 provided the sum of a+b+c is 3;

b) an inorganic oxide having from 0.01 to 12 mmole/gram of surface hydroxyl groups; and

c) a precatalyst selected from at least one transition metal compound selected from the group consisting of a bidentate ligand/transition metal complex, a tridentate ligand/transition metal complex and mixtures thereof and wherein the transition metal of said complex is Fe, Co, Ni, Ru, Rh, Pd, Os, Ir, Pt, Ti, Zr or Hf;

said components being present in amounts to provide 0.001 to 2.1 mmol of aluminum and from 1 to 1000  $\mu$ mol of transition metal per gram of inorganic oxide and a mole ratio of aluminum of component a) to transition metal of component c) of from 1:1 to 25:1.

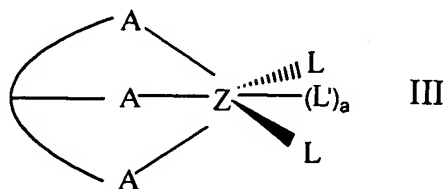
72. (currently amended) The catalyst composition of Claim 71 wherein the precatalyst is a transition metal compound comprising at least one~~is a~~ bidentate ligand/transition metal complex represented by the formula



wherein

- i) each A independently represents an oxygen, sulfur, phosphorus or nitrogen atom of the bidentate ligand;
- ii) Z represents a transition metal selected from the group consisting of Fe, Co, Ni, Ru, Rh, Pd, Os, Ir and Pt in the +2 or +3 oxidation state and Ti, Zr and Hf in the +2, +3 or +4 oxidation state;
- iii) each L and L' independently represents ~~an anionic~~ a ligand group selected from the group consisting of hydrogen, halogen, an unsubstituted or a substituted hydrocarbon radical or both L, together with Z, represents a C<sub>3</sub>-C<sub>24</sub> hydrocarbylene metallocyclic structure; and
- iv) "a" of (L')<sub>a</sub> is an integer of 0, 1 or 2 to provide a neutral transition metal complex.

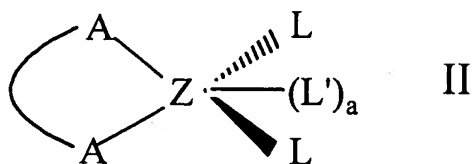
73. (currently amended) The catalyst composition of Claim 71 wherein the precatalyst is a transition metal compound comprising at least one~~is a~~ tridentate ligand/transition metal complex represented by the formula



wherein

- i) each A independently represents an oxygen, sulfur, phosphorous or nitrogen atom of the tridentate ligand;

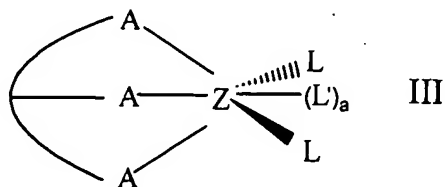
72. (currently amended) The catalyst composition of Claim 71 wherein the precatalyst is a transition metal compound comprising at least one~~is a~~ bidentate ligand/transition metal complex represented by the formula



wherein

- i) each A independently represents an oxygen, sulfur, phosphorus or nitrogen atom of the bidentate ligand;
- ii) Z represents a transition metal selected from the group consisting of Fe, Co, Ni, Ru, Rh, Pd, Os, Ir and Pt in the +2 or +3 oxidation state and Ti, Zr and Hf in the +2, +3 or +4 oxidation state;
- iii) each L and L' independently represents an anionic ligand group selected from the group consisting of hydrogen, halogen, an unsubstituted or a substituted hydrocarbon radical or both L, together with Z, represents a C<sub>3</sub>-C<sub>24</sub> hydrocarbylene metallocyclic structure; and
- iv) "a" of (L')<sub>a</sub> is an integer of 0, 1 or 2 to provide a neutral transition metal complex.

73. (currently amended) The catalyst composition of Claim 71 wherein the precatalyst is a transition metal compound comprising at least one~~is a~~ tridentate ligand/transition metal complex represented by the formula



wherein

- i) each A independently represents an oxygen, sulfur, phosphorous or nitrogen atom of the tridentate ligand;

ii) Z represents a transition metal selected from the group consisting of Fe, Co, Ni, Ru, Rh, Pd, Os, Ir and Pt in the +2 or +3 oxidation state and Ti, Zr, and Hf in the +2, +3 or +4 oxidation state;

iii) each L and L' independently represents an ~~anionic~~ anionic ligand group selected from the group consisting of hydrogen, halogen, an unsubstituted or a substituted hydrocarbon radical or both L, together with Z represents a C<sub>3</sub>-C<sub>24</sub> hydrocarbylene metallocyclic structure; and

iv) "a" of (L')<sub>a</sub> is an integer of 0, 1 or 2 to provide a neutral transition metal complex.

74. (previously presented) The catalyst composition of claim 72 or 73 wherein each A represents a nitrogen atom, each L and L' is independently a halogen atom, or a hydrocarbyl or mixtures thereof or both L together form a hydrocarbylene metallocyclic group which, with Z, forms a 3 to 7 member ring structure.

75. (previously presented) The catalyst composition of Claim 72 or 73 wherein "a" of the aluminum compound is 1 to 3 and each L of the transition metal compound is a halogen atom.

76. (previously presented) The catalyst composition of Claim 72 or 73 wherein at least one L of the transition metal complex is hydrocarbyl.

77. (previously presented) The catalyst of Claim 71 wherein Z is Ni, Pd, Fe or Co.

78. (previously presented) The catalyst composition of Claim 72 wherein Z is Ni or Pd and each L is independently chlorine, bromine, iodine or a C<sub>1</sub>-C<sub>8</sub> alkyl group.

79. (previously presented) The catalyst composition of Claim 73 wherein Z is iron or cobalt and each L is independently chlorine, bromine, iodine or a C<sub>1</sub>-C<sub>8</sub> alkyl group.
80. (previously presented) The catalyst composition of Claim 71 wherein "a" of the aluminum compound is 3.
81. (previously presented) The catalyst composition of Claim 72 wherein "a" of the aluminum compound is 3.
82. (previously presented) The catalyst composition of Claim 73 wherein "a" of the aluminum compound is 3.
83. (previously presented) The catalyst composition of Claim 74 wherein "a" of the aluminum compound is 3.
84. (previously presented) The catalyst composition of Claim 71 wherein the transition metal is Fe.
85. (previously presented) The catalyst composition of Claim 72 wherein the transition metal is Fe.
86. (previously presented) The catalyst composition of Claim 73 wherein the transition metal is Fe.
87. (previously presented) The catalyst composition of Claim 80, 81 or 82 wherein the transition metal is Fe.
88. (previously presented) The catalyst composition of Claim 71 wherein the inorganic oxide has a total volatile content of 0.1 to about 4 weight percent, surface hydroxyl groups of from 0.1 to 5 mmol/g and a surface area of from 10 to 1000 m<sup>2</sup>/g.

89. (previously presented) The catalyst composition of Claim 80 wherein the inorganic oxide has a total volatile content of 0.1 to about 4 weight percent, surface hydroxyl groups of from 0.1 to 5 mmol/g and a surface area of from 10 to 1000 m<sup>2</sup>/g.
90. (previously presented) The catalyst composition of Claim 81 wherein the inorganic oxide has a total volatile content of 0.1 to about 4 weight percent, surface hydroxyl groups of from 0.1 to 5 mmol/g and a surface area of from 10 to 1000 m<sup>2</sup>/g.
91. (previously presented) The catalyst composition of Claim 82 wherein the inorganic oxide has a total volatile content of 0.1 to about 4 weight percent, surface hydroxyl groups of from 0.1 to 5 mmol/g and a surface area of from 10 to 1000 m<sup>2</sup>/g.
92. (previously presented) The catalyst composition of Claim 83 wherein the inorganic oxide has a total volatile content of 0.1 to about 4 weight percent, surface hydroxyl groups of from 0.1 to 5 mmol/g and a surface area of from 10 to 1000 m<sup>2</sup>/g.
93. (previously presented) The catalyst composition of Claim 84 wherein the inorganic oxide has a total volatile content of 0.1 to about 4 weight percent, surface hydroxyl groups of from 0.1 to 5 mmol/g and a surface area of from 10 to 1000 m<sup>2</sup>/g.
94. (previously presented) The catalyst composition of Claim 85 wherein the inorganic oxide has a total volatile content of 0.1 to about 4 weight percent, surface hydroxyl groups of from 0.1 to 5 mmol/g and a surface area of from 10 to 1000 m<sup>2</sup>/g.



95. (previously presented) The catalyst composition of Claim 86 wherein the inorganic oxide has a total volatile content of 0.1 to about 4 weight percent, surface hydroxyl groups of from 0.1 to 5 mmol/g and a surface area of from 10 to 1000 m<sup>2</sup>/g.
96. (previously presented) The catalyst composition of Claim 87 wherein the inorganic oxide has a total volatile content of 0.1 to about 4 weight percent, surface hydroxyl groups of from 0.1 to 5 mmol/g and a surface area of from 10 to 1000 m<sup>2</sup>/g.
97. (previously presented) The composition of Claim 71, 80, 81, 82 or 88 wherein the inorganic oxide is silica and the transition metal is Fe.
98. (previously presented) The catalyst composition of Claim 71, 80 or 88 wherein said aluminum compound is present in an amount to provide from about 0.01 to 1.9 mmol of Al per gram of inorganic oxide; said transition metal complex is present in an amount to provide from 5 to 500 moles of transition metal per gram of inorganic oxide and said aluminum to transition metal is in a molar ratio of 1:1 to 20:1.
99. (previously presented) The catalyst composition of Claim 97 wherein said aluminum compound is present in an amount to provide from about 0.01 to 1.9 mmol of Al per gram of inorganic oxide; said transition metal complex is present in an amount to provide from 5 to 500 moles of transition metal per gram of inorganic oxide and said aluminum to transition metal is in a molar ratio of 1:1 to 20:1.
100. (previously presented) The catalyst composition of Claim 71, 72, 73, 77, 78, 79, 80, 81, 82, 86, 88, 89, 90 or 91 wherein the components are sequentially introduced into the inert liquid in the order of first component a), followed by component b), and then followed by component c) and recovering a solid mixture from the liquid.

101. (previously presented) The catalyst composition of Claim 74 wherein the components are introduced into the inert liquid in the order of first component a), followed by component b), and then followed by component c) and recovering a solid mixture from the liquid.
102. (previously presented) The catalyst composition of Claim 75 wherein the components are introduced into the inert liquid in the order of first component a), followed by component b), and then followed by component c) and recovering a solid mixture from the liquid.
103. (previously presented) The catalyst composition of Claim 76 wherein the components are introduced into the inert liquid in the order of first component a), followed by component b), and then followed by component c) and recovering a solid mixture from the liquid.
104. (previously presented) The catalyst composition of Claim 83 wherein the components are introduced into the inert liquid in the order of first component a), followed by component b), and then followed by component c) and recovering a solid mixture from the liquid.
105. (previously presented) The catalyst composition of Claim 84 wherein the components are introduced into the inert liquid in the order of first component a), followed by component b), and then followed by component c) and recovering a solid mixture from the liquid.
106. (previously presented) The catalyst composition of Claim 85 wherein the components are introduced into the inert liquid in the order of first component a), followed by component b), and then followed by component c) and recovering a solid mixture from the liquid.

107. (previously presented) The catalyst composition of Claim 92 wherein the components are introduced into the inert liquid in the order of first component a), followed by component b), and then followed by component c) and recovering a solid mixture from the liquid.
108. (previously presented) The catalyst composition of Claim 93 wherein the components are introduced into the inert liquid in the order of first component a), followed by component b), and then followed by component c) and recovering a solid mixture from the liquid.
109. (previously presented) The catalyst composition of Claim 94 wherein the components are introduced into the inert liquid in the order of first component a), followed by component b), and then followed by component c) and recovering a solid mixture from the liquid.
110. (previously presented) The catalyst composition of Claim 97 wherein the components are introduced into the inert liquid in the order of first component a), followed by component b), and then followed by component c) and recovering a solid mixture from the liquid.
111. (previously presented) The catalyst composition of Claim 71, 72, 73, 77, 78, 79, 80, 81, 82, 86, 88, 89, 90 or 91 wherein components a), b) and c) are concurrently introduced into the inert liquid and maintained therein at temperatures of from 0° to 50° C and atmospheric pressure.
112. (previously presented) The catalyst composition of Claim 74 wherein components a), b) and c) are concurrently introduced into the inert liquid and maintained therein at temperatures of from 0° to 50° C and atmospheric pressure.
113. (previously presented) The catalyst composition of Claim 75 wherein components a), b) and c) are concurrently introduced into the inert liquid and

maintained therein at temperatures of from 0° to 50° C and atmospheric pressure.

114. (previously presented) The catalyst composition of Claim 83 wherein components a), b) and c) are concurrently introduced into the inert liquid and maintained therein at temperatures of from 0° to 50° C and atmospheric pressure.

115. (previously presented) The catalyst composition of Claim 84 wherein components a), b) and c) are concurrently introduced into the inert liquid and maintained therein at temperatures of from 0° to 50° C and atmospheric pressure.

116. (previously presented) The catalyst composition of Claim 85 wherein components a), b) and c) are concurrently introduced into the inert liquid and maintained therein at temperatures of from 0° to 50° C and atmospheric pressure.

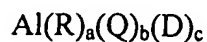
117. (previously presented) The catalyst composition of Claim 92 wherein components a), b) and c) are concurrently introduced into the inert liquid and maintained therein at temperatures of from 0° to 50° C and atmospheric pressure.

118. (previously presented) The catalyst composition of Claim 93 wherein components a), b) and c) are concurrently introduced into the inert liquid and maintained therein at temperatures of from 0° to 50° C and atmospheric pressure.

119. (previously presented) The catalyst composition of Claim 94 wherein components a), b) and c) are concurrently introduced into the inert liquid and maintained therein at temperatures of from 0° to 50° C and atmospheric pressure.

120. (previously presented) The catalyst composition of Claim 97 wherein components a), b) and c) are concurrently introduced into the inert liquid and maintained therein at temperatures of from 0° to 50° C and atmospheric pressure.
121. (previously presented) The catalyst composition of Claim 71, 72, 73, 77, 78, 79, 80, 81, 82, 86, 88, 89, 90 or 91 wherein the components a), b) and c) are directly introduced into an olefin polymerization reaction zone.
122. (previously presented) The catalyst composition of Claim 74 wherein the components a), b) and c) are directly introduced into an olefin polymerization reaction zone.
123. (previously presented) The catalyst composition of Claim 75 wherein the components a), b) and c) are directly introduced into an olefin polymerization reaction zone.
124. (previously presented) The catalyst composition of Claim 76 wherein the components a), b) and c) are directly introduced into an olefin polymerization reaction zone.
125. (previously presented) The catalyst composition of Claim 83 wherein the components a), b) and c) are directly introduced into an olefin polymerization reaction zone.
126. (previously presented) The catalyst composition of Claim 84 wherein the components a), b) and c) are directly introduced into an olefin polymerization reaction zone.

127. (previously presented) The catalyst composition of Claim 85 wherein the components a), b) and c) are directly introduced into an olefin polymerization reaction zone.
128. (previously presented) The catalyst composition of Claim 92 wherein the components a), b) and c) are directly introduced into an olefin polymerization reaction zone.
129. (previously presented) The catalyst composition of Claim 93 wherein the components a), b) and c) are directly introduced into an olefin polymerization reaction zone.
130. (previously presented) The catalyst composition of Claim 94 wherein the components a), b) and c) are directly introduced into an olefin polymerization reaction zone.
131. (previously presented) The catalyst composition of Claim 97 wherein the components a), b) and c) are directly introduced into an olefin polymerization reaction zone.
132. (previously presented) The catalyst composition of Claim 84, 85 or 86 wherein "a" of the aluminum compound is 3.
133. (previously presented) A heterogeneous catalyst composition useful in the polymerization of olefins comprising a mixture of:
- a) aluminum compounds selected from at least one aluminum compound represented by the formula:



wherein

R is a hydrocarbyl group;

Q is a hydrocarbyloxy group;

D is hydrogen or halogen;

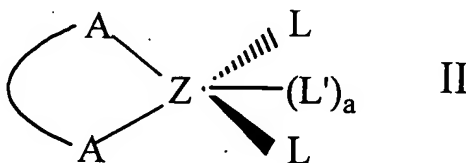
and each a, b, c is an integer of 0-3 provided the sum of a+b+c is 3;

b) an inorganic oxide having from 0.01 to 12 mmole/gram of surface hydroxyl groups; and

c) a precatalyst selected from at least one transition metal compound selected from the group consisting of a bidentate ligand/ transition metal complex, a tridentate ligand/transition metal complex and mixtures thereof and wherein the transition metal of said complex is Fe, Co, Ni, Ru, Rh, Pd, Os, Ir, Pt, Ti, Zr or Hf;

said components being present in amounts to provide 0.001 to 2.1 mmol of aluminum and from 1 to 1000  $\mu$ mol of transition metal per gram of inorganic oxide and a mole ratio of aluminum to transition metal of from 1:1 to 25:1.

134. (currently amended) The catalyst composition of Claim 133 wherein the transition metal compound is a bidentate ligand/transition metal complex represented by the formula



wherein

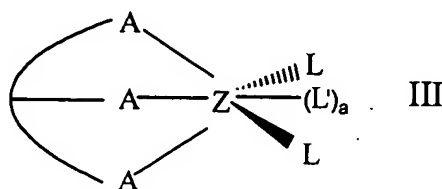
i) each A independently represents an oxygen, sulfur, phosphorus or nitrogen atom of the bidentate ligand;

ii) Z represents a transition metal selected from the group consisting of Fe, Co, Ni, Ru, Rh, Pd, Os, Ir and Pt in the +2 or +3 oxidation state and Ti, Zr and Hf in the +2, +3 or +4 oxidation state;

iii) each L and L' independently represents an anionic ligand group selected from the group consisting of hydrogen, halogen, an unsubstituted or a substituted hydrocarbon radical or both L, together with Z, represents a C<sub>3</sub>-C<sub>24</sub> hydrocarbylene metallocyclic structure; and

iv) "a" of (L')<sub>a</sub> is an integer of 0, 1 or 2 to provide a neutral transition metal complex.

135. (currently amended) The catalyst composition of Claim 133 wherein the transition metal compound is a tridentate ligand/transition metal complex represented by the formula



wherein

- i) each A independently represents an oxygen, sulfur, phosphorous or nitrogen atom of a tridentate ligand;
- ii) Z represents a transition metal selected from the group consisting of Fe, Co, Ni, Ru, Rh, Pd, Os, Ir and Pt in the +2 or +3 oxidation state and Ti, Zr, and Hf in the +2, +3 or +4 oxidation state;
- iii) each L and L' independently represents ~~an anionic~~ a ligand group selected from the group consisting of hydrogen, halogen, an unsubstituted or a substituted hydrocarbon radical or both L, together with Z represents a C<sub>3</sub>-C<sub>24</sub> hydrocarbylene metallocyclic structure; and
- iv) "a" of (L')<sub>a</sub> is an integer of 0, 1 or 2 to provide a neutral transition metal complex.

136. (previously presented) The catalyst composition of claim 134 or 135 wherein each A represents a nitrogen atom, each L and L' is independently a halogen atom, or a hydrocarbyl or mixtures thereof or both L together form a hydrocarbylene metallocyclic group which, with Z, forms a 3 to 7 member ring structure.

137. (previously presented) The catalyst composition of Claim 134 or 135 wherein

"a" of the aluminum compound is 1 to 3 and each L of the transition metal compound is a halogen atom.



138. (previously presented) The catalyst composition of Claim 134 or 135 wherein at least one L of the transition metal complex is a hydrocarbyl.
139. (previously presented) The catalyst of Claim 136 wherein Z is Ni, Pd, Fe or Co.
140. (previously presented) The catalyst composition of Claim 134 wherein Z is Ni or Pd and each L is independently a chlorine, bromine, iodine or a C<sub>1</sub>-C<sub>8</sub> alkyl group.
141. (previously presented) The catalyst composition of Claim 135 wherein Z is iron or cobalt and each L is independently a chlorine, bromine, iodine or a C<sub>1</sub>-C<sub>8</sub> alkyl group.
142. (previously presented) The catalyst composition of Claim 133 wherein "a" of the aluminum compound is 3.
143. (previously presented) The catalyst composition of Claim 134 wherein "a" of the aluminum compound is 3.
144. (previously presented) The catalyst composition of Claim 135 wherein "a" of the aluminum compound is 3.
145. (previously presented) The catalyst composition of Claim 136 wherein "a" of the aluminum compound is 3.
146. (previously presented) The catalyst composition of Claim 133 wherein the transition metal is Fe.
147. (previously presented) The catalyst composition of Claim 134 wherein the transition metal is Fe.

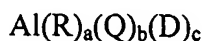
148. (previously presented) The catalyst composition of Claim 135 wherein the transition metal is Fe.
149. (previously presented) The catalyst composition of Claim 142, 143 or 144 wherein the transition metal is Fe.
150. (previously presented) The catalyst composition of Claim 133 wherein the inorganic oxide has a total volatile content of 0.1 to about 4 weight percent, surface hydroxyl groups of from 0.1 to 5 mmol/g and a surface area of from 10 to 1000 m<sup>2</sup>/g.
151. (previously presented) The catalyst composition of Claim 142 wherein the inorganic oxide has a total volatile content of 0.1 to about 4 weight percent, surface hydroxyl groups of from 0.1 to 5 mmol/g and a surface area of from 10 to 1000 m<sup>2</sup>/g.
152. (previously presented) The catalyst composition of Claim 143 wherein the inorganic oxide has a total volatile content of 0.1 to about 4 weight percent, surface hydroxyl groups of from 0.1 to 5 mmol/g and a surface area of from 10 to 1000 m<sup>2</sup>/g.
153. (previously presented) The catalyst composition of Claim 144 wherein the inorganic oxide has a total volatile content of 0.1 to about 4 weight percent, surface hydroxyl groups of from 0.1 to 5 mmol/g and a surface area of from 10 to 1000 m<sup>2</sup>/g.
154. (previously presented) The catalyst composition of Claim 145 wherein the inorganic oxide has a total volatile content of 0.1 to about 4 weight percent, surface hydroxyl groups of from 0.1 to 5 mmol/g and a surface area of from 10 to 1000 m<sup>2</sup>/g.

155. (previously presented) The catalyst composition of Claim 146 wherein the inorganic oxide has a total volatile content of 0.1 to about 4 weight percent, surface hydroxyl groups of from 0.1 to 5 mmol/g and a surface area of from 10 to 1000 m<sup>2</sup>/g.
156. (previously presented) The catalyst composition of Claim 147 wherein the inorganic oxide has a total volatile content of 0.1 to about 4 weight percent, surface hydroxyl groups of from 0.1 to 5 mmol/g and a surface area of from 10 to 1000 m<sup>2</sup>/g.
157. (previously presented) The catalyst composition of Claim 148 wherein the inorganic oxide has a total volatile content of 0.1 to about 4 weight percent, surface hydroxyl groups of from 0.1 to 5 mmol/g and a surface area of from 10 to 1000 m<sup>2</sup>/g.
158. (previously presented) The catalyst composition of Claim 149 wherein the inorganic oxide has a total volatile content of 0.1 to about 4 weight percent, surface hydroxyl groups of from 0.1 to 5 mmol/g and a surface area of from 10 to 1000 m<sup>2</sup>/g.
159. (previously presented) The catalyst composition of Claim 133, 142, 143, 144 or 150 wherein the inorganic oxide is silica and the transition metal is Fe.
160. (previously presented) The catalyst composition of Claim 133, 142, or 150 wherein said aluminum compound is present in an amount to provide from about 0.01 to 1.9 mmol of Al per gram of inorganic oxide; said transition metal complex is present in an amount to provide from 5 to 500 moles of transition metal per gram of inorganic oxide and said aluminum to transition metal is in a molar ratio of 1:1 to 20:1.

161. (previously presented) The catalyst composition of Claim 159 wherein said aluminum compound is present in an amount to provide from about 0.01 to 1.9 mmol of Al per gram of inorganic oxide; said transition metal complex is present in an amount to provide from 5 to 500 moles of transition metal per gram of inorganic oxide and said aluminum to transition metal is in a molar ratio of 1:1 to 20:1.

162. (previously presented) A process for forming a heterogeneous catalyst useful in the polymerization of olefins comprising contacting substantially simultaneously in a single reaction zone having an inert liquid, the components comprising:

a) aluminum compounds selected from at least one aluminum compound represented by the formula



wherein

R is a hydrocarbyl group;

Q is a hydrocarbyloxy group;

D is hydrogen or halogen; and

each a, b, c is an integer of 0-3 provided the sum of a+b+c is 3;

b) an inorganic oxide having from 0.01 to 12 mmole/gram of surface hydroxyl groups; and

c) a precatalyst selected from at least one transition metal compound selected from the group consisting of a bidentate ligand/transition metal complex, tridentate ligand/transition metal complex and mixtures thereof and wherein said transition metal is selected from the group consisting of Fe, Co, Ni, Ru, Rh, Pd, Os, Ir, Pt, Ti, Zr and Hf; said components being present in amounts to provide 0.001 to 2.1 mmol of aluminum and from 1 to 1000  $\mu\text{mol}$  of transition metal per gram of inorganic oxide and a mole ratio of aluminum to transition metal of from 1:1 to 25:1.

163. (currently amended) The process of Claim 162 wherein the components a), b) and c) are ~~contacted substantially simultaneously~~ concurrently introduced into the inert liquid and maintained therein at a temperature of from 0° to 50 °C and atmospheric pressure.

164. (previously presented) The process of Claim 162 or 163 wherein the transition metal is Fe.

165. (previously presented) The process of Claim 162 or 163 wherein the inorganic oxide is silica.

166. (previously presented) The process of Claim 165 wherein the transition metal is Fe.

167. (previously presented) The process of Claim 166 wherein "a" of the aluminum compound is 3.

168. (new) The process of Claim 162 wherein the components are introduced into the inert liquid in the order of first component a), followed by component b), and then followed by component c) and recovering a solid mixture from the liquid.

## REMARKS

Attorney for Applicant submits this Preliminary Amendment to further the prosecution of the above-identified application.

Attorney for Applicant herewith submits a new specification to replace the specification originally filed. The present specification corrects typographical errors previously noted by the Examiner in prior filed parent application. The present specification does not present new matter with respect to the originally filed parent application.

Attorney for Applicant herewith deletes all of the claims of the original application and submits new claims for consideration with respect to the present application. The presently claimed invention is directed to a process for forming a catalyst composition and to the resultant catalyst. The process provides for substantially simultaneously (either concurrently or sequentially) contacting in a single reaction zone the reactants composed of certain defined aluminum compounds, inorganic oxides and transition metal compounds selected from bidentate ligand/transition metal complex, tridentate ligand/transition metal complex or mixtures thereof. The reactants are contacted in certain specific amounts, which provide a low mole ratio of aluminum to transition metal in the mixture formed.

Applicant believes that the Examiner will agree that the presently claimed invention is patentably distinct from the prior art and the application is in condition for allowance. Such action is respectfully solicited.

Respectfully submitted,



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**Facsimile Transmission Cover Sheet**

**Date: October 18, 2004**

**To: Firm/Company : United States Patent & Trademark Office**  
**Attention : Examiner Brown**  
**Facsimile No. : 571-273-1364**  
**From : Howard Troffkin**

**Message To Recipient**

US Application Serial No. 10/633509  
Docket No. W-9459-02

Please find attached a copy of Appendix I of the Letter of Reply dated August 9, 2004 with respect to the subject application.

Howard Troffkin  
Attorney for Applicant  
Registration No. 25184

**Total number of pages: (Including this cover page). If all of the pages are not received, please call (301) 299-9326.**

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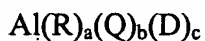
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IN THE CLAIMS:

1 – 70. (cancelled).

71. (currently amended) A catalyst composition useful in the polymerization of olefins formed by contacting substantially simultaneously in a single reaction zone and in an inert liquid, the components comprising:

a) aluminum compounds selected from at least one aluminum compound represented by the formula



wherein

R is a hydrocarbyl group;

Q is a hydrocarbyloxy group;

D is hydrogen or halogen;

and each a, b, c is an integer of 0-3 provided the sum of a+b+c is 3;

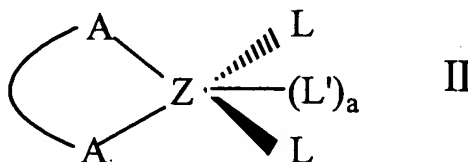
b) an inorganic oxide having from 0.01 to 12 mmole/gram of surface hydroxyl groups; and

c) a precatalyst selected from at least one transition metal compound selected from the group consisting of a bidentate ligand/transition metal complex, a tridentate ligand/transition metal complex and mixtures thereof and wherein the transition metal of said complex is Fe, Co, Ni, Ru, Rh, Pd, Os, Ir, Pt, Ti, Zr or Hf;

said components being present in amounts to provide 0.001 to 2.1 mmol of aluminum and from 1 to 1000  $\mu\text{mol}$  of transition metal per gram of inorganic oxide and a mole ratio of aluminum of component a) to transition metal of component c) of from 1:1 to 25:1.



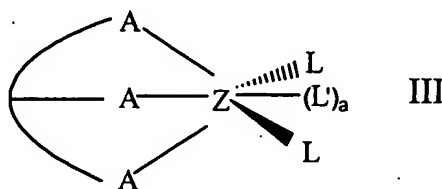
72. (currently amended) The catalyst composition of Claim 71 wherein the precatalyst is a transition metal compound comprising at least one~~is a~~ bidentate ligand/transition metal complex represented by the formula



wherein

- i) each A independently represents an oxygen, sulfur, phosphorus or nitrogen atom of the bidentate ligand;
- ii) Z represents a transition metal selected from the group consisting of Fe, Co, Ni, Ru, Rh, Pd, Os, Ir and Pt in the +2 or +3 oxidation state and Ti, Zr and Hf in the +2, +3 or +4 oxidation state;
- iii) each L and L' independently represents ~~an anionic~~ ligand group selected from the group consisting of hydrogen, halogen, an unsubstituted or a substituted hydrocarbon radical or both L, together with Z, represents a C<sub>3</sub>-C<sub>24</sub> hydrocarbylene metallocyclic structure; and
- iv) "a" of (L')<sub>a</sub> is an integer of 0, 1 or 2 to provide a neutral transition metal complex.

73. (currently amended) The catalyst composition of Claim 71 wherein the precatalyst is a transition metal compound comprising at least one~~is a~~ tridentate ligand/transition metal complex represented by the formula



wherein

- i) each A independently represents an oxygen, sulfur, phosphorous or nitrogen atom of the tridentate ligand;

ii) Z represents a transition metal selected from the group consisting of Fe, Co, Ni, Ru, Rh, Pd, Os, Ir and Pt in the +2 or +3 oxidation state and Ti, Zr, and Hf in the +2, +3 or +4 oxidation state;

iii) each L and L' independently represents ~~an anionic~~ ligand group selected from the group consisting of hydrogen, halogen, an unsubstituted or a substituted hydrocarbon radical or both L, together with Z represents a C<sub>3</sub>-C<sub>24</sub> hydrocarbylene metallocyclic structure; and

iv) "a" of (L')<sub>a</sub> is an integer of 0, 1 or 2 to provide a neutral transition metal complex.

74. (previously presented) The catalyst composition of claim 72 or 73 wherein each A represents a nitrogen atom, each L and L' is independently a halogen atom, or a hydrocarbyl or mixtures thereof or both L together form a hydrocarbylene metallocyclic group which, with Z, forms a 3 to 7 member ring structure.

75. (previously presented) The catalyst composition of Claim 72 or 73 wherein "a" of the aluminum compound is 1 to 3 and each L of the transition metal compound is a halogen atom.

76. (previously presented) The catalyst composition of Claim 72 or 73 wherein at least one L of the transition metal complex is hydrocarbyl.

77. (previously presented) The catalyst of Claim 71 wherein Z is Ni, Pd, Fe or Co.

78. (previously presented) The catalyst composition of Claim 72 wherein Z is Ni or Pd and each L is independently chlorine, bromine, iodine or a C<sub>1</sub>-C<sub>8</sub> alkyl group.

79. (previously presented) The catalyst composition of Claim 73 wherein Z is iron or cobalt and each L is independently chlorine, bromine, iodine or a C<sub>1</sub>-C<sub>8</sub> alkyl group.
80. (previously presented) The catalyst composition of Claim 71 wherein "a" of the aluminum compound is 3.
81. (previously presented) The catalyst composition of Claim 72 wherein "a" of the aluminum compound is 3.
82. (previously presented) The catalyst composition of Claim 73 wherein "a" of the aluminum compound is 3.
83. (previously presented) The catalyst composition of Claim 74 wherein "a" of the aluminum compound is 3.
84. (previously presented) The catalyst composition of Claim 71 wherein the transition metal is Fe.
85. (previously presented) The catalyst composition of Claim 72 wherein the transition metal is Fe.
86. (previously presented) The catalyst composition of Claim 73 wherein the transition metal is Fe.
87. (previously presented) The catalyst composition of Claim 80, 81 or 82 wherein the transition metal is Fe.
88. (previously presented) The catalyst composition of Claim 71 wherein the inorganic oxide has a total volatile content of 0.1 to about 4 weight percent, surface hydroxyl groups of from 0.1 to 5 mmol/g and a surface area of from 10 to 1000 m<sup>2</sup>/g.

89. (previously presented) The catalyst composition of Claim 80 wherein the inorganic oxide has a total volatile content of 0.1 to about 4 weight percent, surface hydroxyl groups of from 0.1 to 5 mmol/g and a surface area of from 10 to 1000 m<sup>2</sup>/g.

90. (previously presented) The catalyst composition of Claim 81 wherein the inorganic oxide has a total volatile content of 0.1 to about 4 weight percent, surface hydroxyl groups of from 0.1 to 5 mmol/g and a surface area of from 10 to 1000 m<sup>2</sup>/g.

91. (previously presented) The catalyst composition of Claim 82 wherein the inorganic oxide has a total volatile content of 0.1 to about 4 weight percent, surface hydroxyl groups of from 0.1 to 5 mmol/g and a surface area of from 10 to 1000 m<sup>2</sup>/g.

92. (previously presented) The catalyst composition of Claim 83 wherein the inorganic oxide has a total volatile content of 0.1 to about 4 weight percent, surface hydroxyl groups of from 0.1 to 5 mmol/g and a surface area of from 10 to 1000 m<sup>2</sup>/g.

93. (previously presented) The catalyst composition of Claim 84 wherein the inorganic oxide has a total volatile content of 0.1 to about 4 weight percent, surface hydroxyl groups of from 0.1 to 5 mmol/g and a surface area of from 10 to 1000 m<sup>2</sup>/g.

94. (previously presented) The catalyst composition of Claim 85 wherein the inorganic oxide has a total volatile content of 0.1 to about 4 weight percent, surface hydroxyl groups of from 0.1 to 5 mmol/g and a surface area of from 10 to 1000 m<sup>2</sup>/g.

95. (previously presented) The catalyst composition of Claim 86 wherein the inorganic oxide has a total volatile content of 0.1 to about 4 weight percent, surface hydroxyl groups of from 0.1 to 5 mmol/g and a surface area of from 10 to 1000 m<sup>2</sup>/g.

96. (previously presented) The catalyst composition of Claim 87 wherein the inorganic oxide has a total volatile content of 0.1 to about 4 weight percent, surface hydroxyl groups of from 0.1 to 5 mmol/g and a surface area of from 10 to 1000 m<sup>2</sup>/g.

97. (previously presented) The composition of Claim 71, 80, 81, 82 or 88 wherein the inorganic oxide is silica and the transition metal is Fe.

98. (previously presented) The catalyst composition of Claim 71, 80 or 88 wherein said aluminum compound is present in an amount to provide from about 0.01 to 1.9 mmol of Al per gram of inorganic oxide; said transition metal complex is present in an amount to provide from 5 to 500 moles of transition metal per gram of inorganic oxide and said aluminum to transition metal is in a molar ratio of 1:1 to 20:1.

99. (previously presented) The catalyst composition of Claim 97 wherein said aluminum compound is present in an amount to provide from about 0.01 to 1.9 mmol of Al per gram of inorganic oxide; said transition metal complex is present in an amount to provide from 5 to 500 moles of transition metal per gram of inorganic oxide and said aluminum to transition metal is in a molar ratio of 1:1 to 20:1.

100. (previously presented) The catalyst composition of Claim 71, 72, 73, 77, 78, 79, 80, 81, 82, 86, 88, 89, 90 or 91 wherein the components are sequentially introduced into the inert liquid in the order of first component a), followed by component b), and then followed by component c) and recovering a solid mixture from the liquid.

101. (previously presented) The catalyst composition of Claim 74 wherein the components are introduced into the inert liquid in the order of first component a), followed by component b), and then followed by component c) and recovering a solid mixture from the liquid.

102. (previously presented) The catalyst composition of Claim 75 wherein the components are introduced into the inert liquid in the order of first component a), followed by component b), and then followed by component c) and recovering a solid mixture from the liquid.

103. (previously presented) The catalyst composition of Claim 76 wherein the components are introduced into the inert liquid in the order of first component a), followed by component b), and then followed by component c) and recovering a solid mixture from the liquid.

104. (previously presented) The catalyst composition of Claim 83 wherein the components are introduced into the inert liquid in the order of first component a), followed by component b), and then followed by component c) and recovering a solid mixture from the liquid.

105. (previously presented) The catalyst composition of Claim 84 wherein the components are introduced into the inert liquid in the order of first component a), followed by component b), and then followed by component c) and recovering a solid mixture from the liquid.

106. (previously presented) The catalyst composition of Claim 85 wherein the components are introduced into the inert liquid in the order of first component a), followed by component b), and then followed by component c) and recovering a solid mixture from the liquid.

107. (previously presented) The catalyst composition of Claim 92 wherein the components are introduced into the inert liquid in the order of first component a), followed by component b), and then followed by component c) and recovering a solid mixture from the liquid.

108. (previously presented) The catalyst composition of Claim 93 wherein the components are introduced into the inert liquid in the order of first component a), followed by component b), and then followed by component c) and recovering a solid mixture from the liquid.

109. (previously presented) The catalyst composition of Claim 94 wherein the components are introduced into the inert liquid in the order of first component a), followed by component b), and then followed by component c) and recovering a solid mixture from the liquid.

110. (previously presented) The catalyst composition of Claim 97 wherein the components are introduced into the inert liquid in the order of first component a), followed by component b), and then followed by component c) and recovering a solid mixture from the liquid.

111. (previously presented) The catalyst composition of Claim 71, 72, 73, 77, 78, 79, 80, 81, 82, 86, 88, 89, 90 or 91 wherein components a), b) and c) are concurrently introduced into the inert liquid and maintained therein at temperatures of from 0° to 50° C and atmospheric pressure.

112. (previously presented) The catalyst composition of Claim 74 wherein components a), b) and c) are concurrently introduced into the inert liquid and maintained therein at temperatures of from 0° to 50° C and atmospheric pressure.

113. (previously presented) The catalyst composition of Claim 75 wherein components a), b) and c) are concurrently introduced into the inert liquid and

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maintained therein at temperatures of from 0° to 50° C and atmospheric pressure.

114. (previously presented) The catalyst composition of Claim 83 wherein components a), b) and c) are concurrently introduced into the inert liquid and maintained therein at temperatures of from 0° to 50° C and atmospheric pressure.

115. (previously presented) The catalyst composition of Claim 84 wherein components a), b) and c) are concurrently introduced into the inert liquid and maintained therein at temperatures of from 0° to 50° C and atmospheric pressure.

116. (previously presented) The catalyst composition of Claim 85 wherein components a), b) and c) are concurrently introduced into the inert liquid and maintained therein at temperatures of from 0° to 50° C and atmospheric pressure.

117. (previously presented) The catalyst composition of Claim 92 wherein components a), b) and c) are concurrently introduced into the inert liquid and maintained therein at temperatures of from 0° to 50° C and atmospheric pressure.

118. (previously presented) The catalyst composition of Claim 93 wherein components a), b) and c) are concurrently introduced into the inert liquid and maintained therein at temperatures of from 0° to 50° C and atmospheric pressure.

119. (previously presented) The catalyst composition of Claim 94 wherein components a), b) and c) are concurrently introduced into the inert liquid and maintained therein at temperatures of from 0° to 50° C and atmospheric pressure.



120. (previously presented) The catalyst composition of Claim 97 wherein components a), b) and c) are concurrently introduced into the inert liquid and maintained therein at temperatures of from 0° to 50° C and atmospheric pressure.

121. (previously presented) The catalyst composition of Claim 71, 72, 73, 77, 78, 79, 80, 81, 82, 86, 88, 89, 90 or 91 wherein the components a), b) and c) are directly introduced into an olefin polymerization reaction zone.

122. (previously presented) The catalyst composition of Claim 74 wherein the components a), b) and c) are directly introduced into an olefin polymerization reaction zone.

123. (previously presented) The catalyst composition of Claim 75 wherein the components a), b) and c) are directly introduced into an olefin polymerization reaction zone.

124. (previously presented) The catalyst composition of Claim 76 wherein the components a), b) and c) are directly introduced into an olefin polymerization reaction zone.

125. (previously presented) The catalyst composition of Claim 83 wherein the components a), b) and c) are directly introduced into an olefin polymerization reaction zone.

126. (previously presented) The catalyst composition of Claim 84 wherein the components a), b) and c) are directly introduced into an olefin polymerization reaction zone.

127. (previously presented) The catalyst composition of Claim 85 wherein the components a), b) and c) are directly introduced into an olefin polymerization reaction zone.

128. (previously presented) The catalyst composition of Claim 92 wherein the components a), b) and c) are directly introduced into an olefin polymerization reaction zone.

129. (previously presented) The catalyst composition of Claim 93 wherein the components a), b) and c) are directly introduced into an olefin polymerization reaction zone.

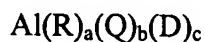
130. (previously presented) The catalyst composition of Claim 94 wherein the components a), b) and c) are directly introduced into an olefin polymerization reaction zone.

131. (previously presented) The catalyst composition of Claim 97 wherein the components a), b) and c) are directly introduced into an olefin polymerization reaction zone.

132. (previously presented) The catalyst composition of Claim 84, 85 or 86 wherein "a" of the aluminum compound is 3.

133. (previously presented) A heterogeneous catalyst composition useful in the polymerization of olefins comprising a mixture of:

a) . aluminum compounds selected from at least one aluminum compound represented by the formula:



wherein

R is a hydrocarbyl group;

Q is a hydrocarbyloxy group;

D is hydrogen or halogen;

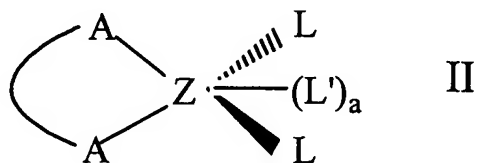
and each a, b, c is an integer of 0-3 provided the sum of a+b+c is 3;

b) an inorganic oxide having from 0.01 to 12 mmole/gram of surface hydroxyl groups; and

c) a precatalyst selected from at least one transition metal compound selected from the group consisting of a bidentate ligand/ transition metal complex, a tridentate ligand/transition metal complex and mixtures thereof and wherein the transition metal of said complex is Fe, Co, Ni, Ru, Rh, Pd, Os, Ir, Pt, Ti, Zr or Hf;

said components being present in amounts to provide 0.001 to 2.1 mmol of aluminum and from 1 to 1000  $\mu$ mol of transition metal per gram of inorganic oxide and a mole ratio of aluminum to transition metal of from 1:1 to 25:1.

134. (currently amended) The catalyst composition of Claim 133 wherein the transition metal compound is a bidentate ligand/transition metal complex represented by the formula



wherein

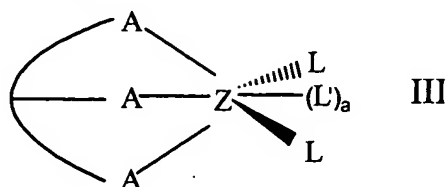
i) each A independently represents an oxygen, sulfur, phosphorus or nitrogen atom of the bidentate ligand;

ii) Z represents a transition metal selected from the group consisting of Fe, Co, Ni, Ru, Rh, Pd, Os, Ir and Pt in the +2 or +3 oxidation state and Ti, Zr and Hf in the +2, +3 or +4 oxidation state;

iii) each L and L' independently represents an anionic ligand group selected from the group consisting of hydrogen, halogen, an unsubstituted or a substituted hydrocarbon radical or both L, together with Z, represents a C<sub>3</sub>-C<sub>24</sub> hydrocarbylene metallocyclic structure; and

iv) "a" of (L')<sub>a</sub> is an integer of 0, 1 or 2 to provide a neutral transition metal complex.

135. (currently amended) The catalyst composition of Claim 133 wherein the transition metal compound is a tridentate ligand/transition metal complex represented by the formula



wherein

- i) each A independently represents an oxygen, sulfur, phosphorous or nitrogen atom of a tridentate ligand;
- ii) Z represents a transition metal selected from the group consisting of Fe, Co, Ni, Ru, Rh, Pd, Os, Ir and Pt in the +2 or +3 oxidation state and Ti, Zr, and Hf in the +2, +3 or +4 oxidation state;
- iii) each L and L' independently represents ~~an anionic~~ a ligand group selected from the group consisting of hydrogen, halogen, an unsubstituted or a substituted hydrocarbon radical or both L, together with Z represents a C<sub>3</sub>-C<sub>24</sub> hydrocarbylene metallocyclic structure; and
- iv) "a" of (L')<sub>a</sub> is an integer of 0, 1 or 2 to provide a neutral transition metal complex.

136. (previously presented) The catalyst composition of claim 134 or 135 wherein each A represents a nitrogen atom, each L and L' is independently a halogen atom, or a hydrocarbyl or mixtures thereof or both L together form a hydrocarbylene metallocyclic group which, with Z, forms a 3 to 7 member ring structure.

137. (previously presented) The catalyst composition of Claim 134 or 135 wherein

"a" of the aluminum compound is 1 to 3 and each L of the transition metal compound is a halogen atom.

138. (previously presented) The catalyst composition of Claim 134 or 135 wherein at least one L of the transition metal complex is a hydrocarbyl.
139. (previously presented) The catalyst of Claim 136 wherein Z is Ni, Pd, Fe or Co.
140. (previously presented) The catalyst composition of Claim 134 wherein Z is Ni or Pd and each L is independently a chlorine, bromine, iodine or a C<sub>1</sub>-C<sub>8</sub> alkyl group.
141. (previously presented) The catalyst composition of Claim 135 wherein Z is iron or cobalt and each L is independently a chlorine, bromine, iodine or a C<sub>1</sub>-C<sub>8</sub> alkyl group.
142. (previously presented) The catalyst composition of Claim 133 wherein "a" of the aluminum compound is 3.
143. (previously presented) The catalyst composition of Claim 134 wherein "a" of the aluminum compound is 3.
144. (previously presented) The catalyst composition of Claim 135 wherein "a" of the aluminum compound is 3.
145. (previously presented) The catalyst composition of Claim 136 wherein "a" of the aluminum compound is 3.
146. (previously presented) The catalyst composition of Claim 133 wherein the transition metal is Fe.
147. (previously presented) The catalyst composition of Claim 134 wherein the transition metal is Fe.

148. (previously presented) The catalyst composition of Claim 135 wherein the transition metal is Fe.

149. (previously presented) The catalyst composition of Claim 142, 143 or 144 wherein the transition metal is Fe.

150. (previously presented) The catalyst composition of Claim 133 wherein the inorganic oxide has a total volatile content of 0.1 to about 4 weight percent, surface hydroxyl groups of from 0.1 to 5 mmol/g and a surface area of from 10 to 1000 m<sup>2</sup>/g.

151. (previously presented) The catalyst composition of Claim 142 wherein the inorganic oxide has a total volatile content of 0.1 to about 4 weight percent, surface hydroxyl groups of from 0.1 to 5 mmol/g and a surface area of from 10 to 1000 m<sup>2</sup>/g.

152. (previously presented) The catalyst composition of Claim 143 wherein the inorganic oxide has a total volatile content of 0.1 to about 4 weight percent, surface hydroxyl groups of from 0.1 to 5 mmol/g and a surface area of from 10 to 1000 m<sup>2</sup>/g.

153. (previously presented) The catalyst composition of Claim 144 wherein the inorganic oxide has a total volatile content of 0.1 to about 4 weight percent, surface hydroxyl groups of from 0.1 to 5 mmol/g and a surface area of from 10 to 1000 m<sup>2</sup>/g.

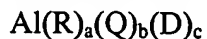
154. (previously presented) The catalyst composition of Claim 145 wherein the inorganic oxide has a total volatile content of 0.1 to about 4 weight percent, surface hydroxyl groups of from 0.1 to 5 mmol/g and a surface area of from 10 to 1000 m<sup>2</sup>/g.

155. (previously presented) The catalyst composition of Claim 146 wherein the inorganic oxide has a total volatile content of 0.1 to about 4 weight percent, surface hydroxyl groups of from 0.1 to 5 mmol/g and a surface area of from 10 to 1000 m<sup>2</sup>/g.
156. (previously presented) The catalyst composition of Claim 147 wherein the inorganic oxide has a total volatile content of 0.1 to about 4 weight percent, surface hydroxyl groups of from 0.1 to 5 mmol/g and a surface area of from 10 to 1000 m<sup>2</sup>/g.
157. (previously presented) The catalyst composition of Claim 148 wherein the inorganic oxide has a total volatile content of 0.1 to about 4 weight percent, surface hydroxyl groups of from 0.1 to 5 mmol/g and a surface area of from 10 to 1000 m<sup>2</sup>/g.
158. (previously presented) The catalyst composition of Claim 149 wherein the inorganic oxide has a total volatile content of 0.1 to about 4 weight percent, surface hydroxyl groups of from 0.1 to 5 mmol/g and a surface area of from 10 to 1000 m<sup>2</sup>/g.
159. (previously presented) The catalyst composition of Claim 133, 142, 143, 144 or 150 wherein the inorganic oxide is silica and the transition metal is Fe.
160. (previously presented) The catalyst composition of Claim 133, 142, or 150 wherein said aluminum compound is present in an amount to provide from about 0.01 to 1.9 mmol of Al per gram of inorganic oxide; said transition metal complex is present in an amount to provide from 5 to 500 moles of transition metal per gram of inorganic oxide and said aluminum to transition metal is in a molar ratio of 1:1 to 20:1.

161. (previously presented) The catalyst composition of Claim 159 wherein said aluminum compound is present in an amount to provide from about 0.01 to 1.9 mmol of Al per gram of inorganic oxide; said transition metal complex is present in an amount to provide from 5 to 500 moles of transition metal per gram of inorganic oxide and said aluminum to transition metal is in a molar ratio of 1:1 to 20:1.

162. (previously presented) A process for forming a heterogeneous catalyst useful in the polymerization of olefins comprising contacting substantially simultaneously in a single reaction zone having an inert liquid, the components comprising:

a) aluminum compounds selected from at least one aluminum compound represented by the formula



wherein

R is a hydrocarbyl group;

Q is a hydrocarbyloxy group;

D is hydrogen or halogen; and

each a, b, c is an integer of 0-3 provided the sum of a+b+c is 3;

b) an inorganic oxide having from 0.01 to 12 mmole/gram of surface hydroxyl groups; and

c) a precatalyst selected from at least one transition metal compound selected from the group consisting of a bidentate ligand/transition metal complex, tridentate ligand/transition metal complex and mixtures thereof and wherein said transition metal is selected from the group consisting of Fe, Co, Ni, Ru, Rh, Pd, Os, Ir, Pt, Ti, Zr and Hf;

said components being present in amounts to provide 0.001 to 2.1 mmol of aluminum and from 1 to 1000  $\mu\text{mol}$  of transition metal per gram of inorganic oxide and a mole ratio of aluminum to transition metal of from 1:1 to 25:1.



163. (currently amended) The process of Claim 162 wherein the components a), b) and c) are ~~contacted substantially simultaneously~~ concurrently introduced into the inert liquid and maintained therein at a temperature of from 0° to 50 °C and atmospheric pressure.

164. (previously presented) The process of Claim 162 or 163 wherein the transition metal is Fe.

165. (previously presented) The process of Claim 162 or 163 wherein the inorganic oxide is silica.

166. (previously presented) The process of Claim 165 wherein the transition metal is Fe.

167. (previously presented) The process of Claim 166 wherein "a" of the aluminum compound is 3.

168. (new) The process of Claim 162 wherein the components are introduced into the inert liquid in the order of first component a), followed by component b), and then followed by component c) and recovering a solid mixture from the liquid.

Attachment B  
Ser. No 10/633509  
Petition  
~~Attachment A~~  
~~US Ser. No 10/633509~~

**FACSIMILE TRANSMISSION COVER SHEET**DATE: August 30, 2005

TO: Howard Troffkin

FAX NUMBER: (301)299-4575

VOICE NUMBER: (301)299-9326

FROM: Jenine Brown

MESSAGE: Copy of Office Action mailed 01/18/05 If any problems with this transmission please contact me at 571-272-1364. Thanks.

NUMBER OF PAGES 4 INCLUDING THIS PAGE.

If you have not received all pages or have other difficulties with this facsimile transmission, please contact me as soon as possible at the following telephone number:

PX (571) 272-1364 (Sender's Telephone Number)

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## UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/633,509	08/05/2003	Keng Yu Shih	W-9459-02	5197
7590 01/18/2005				
Howard L. Troffkin W. R. Grace & Co.-Conn. Patent Dept. 7500 Grace Drive Columbia, MD 21044-4098				
EXAMINER BROWN, JENNINE M				
ART UNIT 1755		PAPER NUMBER		
DATE MAILED: 01/18/2005				

Please find below and/or attached an Office communication concerning this application or proceeding.

Application/Control Number: 10/633,509  
Act Unit: 1755

Page 2

### Notice of Non-compliant Amendment

The amendment filed on 10/18/2004 is considered non-compliant because it has failed to meet the requirements of 37 CFR 1.121 as amended on June 30, 2003 (see 68 Fed. Reg. 38611, June 30, 2003). In order for the amendment to be compliant, correction of the following is required. **Only the section (1.121(h)) of the amendment containing the omission of non-compliant provision must be resubmitted (in its entirety), e.g. the entire "claim listing" section of applicant's amendment must be re-submitted.**

The following item causes the amendment to be non-compliant:

- Applicant has not amended the new claim properly, as any claims added by amendment must be presented in the claim listing with the status identifier "(new)"; the text of the claim must not be underlined. Note the newly added claim is underlined.

Since the non-compliant amendment is a reply to a NON-FINAL OFFICE ACTION, and since the amendment appears to be a bona fide attempt to be a reply (37 CFR 1.121) in order to avoid abandonment. EXTENSIONS OF THIS TIME PERIOD ARE AVAILABLE UNDER 37 CFR 1.136(a).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jennine M. Brown whose telephone number is (571) 272-1364. The examiner can normally be reached on M-R 9:30 AM - 7:30 PM; Fridays off.


Application/Control Number: 10/633,509  
Art Unit: 1755

571 272-1233  
Jerry Lorenzo  
571-272-1708

Page 3

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dave Sample can be reached on (571) 272-1376. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
DAVID SAMPLE  
PRIMARY EXAMINER

jmb

J. Brown

~~Attachment B~~  
~~US Ser. No 10/633509~~  
**ATTACHMENT C**  
**US Ser. No 10/633509**  
**Petition**

# ALL ATTORNEY'S US AND FOREIGN DOCKET

14-Jan-05

ATTY	ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
CAC			7/7/2003	7/7/2003	W9571-01	US	408271	Schmidt	Info Disc Statement
DPD									
WDB			8/23/2003	8/23/2003	W9552-01	US		Fletcher	Info Disc Statement
RS									
CAC	HJT		11/10/2003	11/10/2003	W9488-01	Indonesia	W-00200301992		Copy of International Preliminary Examination Report (PCT/IPEA/416 and 409)
LLB									
CAC	BJA		2/9/2004	2/9/2004	W9517-01	Indonesia	W-00 2004 00045		Copy of International Preliminary Examination Reprot (PCT/IPEA/416 & 409)
DPD									
CAC			7/4/2004	7/4/2004	W9483-01	Europe	00965178.7		Address of Inventor Timkin
DPD									
WDB			8/31/2004	8/31/2004	W9552-01	PCT	EP03/05413		Reminder for IPER & Written Opinion
RS									
WDB			12/15/2004	12/15/2004	W9261-01	Hungary	P0100974		Response
RS									

ATTY	ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
	CAC	BJA	12/18/2004	12/18/2004	W8505-07	US	084141	Peters	Office Action
LLB									
	CAC	BJA	12/23/2004	12/23/2004	W9494-02	US	382409	White	Office Action
LLB									
	CAC		12/24/2004	12/24/2004	W9483-01	Europe	00065178.7		Extended to Additional Countries
DPD									
	CAC	BJA	12/27/2004	12/27/2004	W9003-04	US	022102	Peters	Issue fee
LLB									
	WDB	Brinks	12/28/2004	12/28/2004	W9719-02	Europe	00122480.7		Response
RS									
	CAC	BJA	12/30/2004	12/30/2004	W9517-01	Canada	2452434		Assignment Document
DPD									
	WDB		12/30/2004	12/30/2004	W9566-02	Europe	03714239.5		Amend Claims
RS									
	WDB		12/31/2004	12/31/2004	W9552-01	India	2780/DEINP/2004		Priority Document
RS									
	RAM	HJT	1/3/2005	1/3/2005	W9441-01	Europe	99948505.5		Response to Examination Report
LLB									

ATTY	ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
	CAC	BJA	1/17/2005		W9440-01	Singapore	200058980-8		Info-Disc Statement
	LLB								
	WDB		1/17/2005		W9530-02	South Africa	2004-0019		Assignment Document
	RS								
	CAC	HJT	1/18/2005	1/18/2005	W9563-01	PCT	US03/39368		PCT Article 19 Amendment
	LLB								
	WDB		1/18/2005	1/18/2005	W9425-01	Europe	00020682.4		Written Submissions
	RS								
	WDB		1/19/2005	1/19/2005	W9071-01	US	589074		Foreign File
	RS								
	WDB		1/19/2005	1/19/2005	W9071-01	US	589074	Brems	Filing Regular Application
	RS								
	CAC	HJT	1/19/2005	6/19/2005	W9577-01	PCT	US03/40322		Chapter II National Stage Entry
	LLB								
	CAC	HJT	1/19/2005	6/19/2005	W9563-01	PCT	US03/39368		Chapter II National Stage Entry
	LLB								
	WDB		1/19/2005	1/19/2005	W9427-01	Israel	140762		Response
	RS								



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ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
CAC	BJA	1/20/2005	1/20/2005	W9557-01	US	274621	Yaluria	Office Action
LLB								

CAC	BJA	1/20/2005	2/20/2005	W9440-02	US	151560	Ziebarth	Office Action
LLB								

WDB		1/20/2005	1/20/2005		Europe	1314695		Mitsubishi Chemical Corporation (Patent Watch) - Response
RS								

WDB		1/20/2005	4/20/2005	W9530-02	US	183854	Petry	Office Action
RS								

WDB		1/21/2005		W9553-02	India	2974/DELNP/200		Section 8 (2) Details
RS								

CAC	BJA	1/21/2005	4/21/2005	W9557-01	PCT	US03/33479		Chapter II National Stage Entry
LLB								

WDB		1/21/2005		W9553-02	India	2974/DELNP/200		Application Form 1A
RS								

CAC	BJA	1/21/2005	4/21/2005	W9556-01	PCT	US03/33478		Chapter II National Stage Entry
LLB								

ATTY								
ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
CAC	BJA	1/21/2005	4/21/2005	W9625-01	PCT	US03/33477		Chapter II National Stage Entry
LLB								
WDB		1/21/2005		W9553-02	India	2974/DELNP/200		Power of Authority
RS								
CAC	BJA	1/21/2005	1/21/2005	W9625-01	PCT	US03/33477		Reminder for IPER & Written Opinion
LLB								
WDB		1/21/2005		W9553-02	India	2974/DELNP/200		Section 8(1) Details
RS								
WDB		1/22/2005		W9566-02	South Africa	2004/8094		Power of Attorney
RS								
WDB		1/22/2005		W9566-02	South Africa	2004-8094		Copy of IPER
RS								
WDB		1/22/2005		W9566-02	South Africa	2004-8094		Declaration
RS								
WDB		1/22/2005		W9566-02	South Africa	2004/8094		Assignment Document
RS								
CAC		1/22/2005		W9484-01	Canada	2392923		Assignment Document
DPD								

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WDB RS		1/22/2005	1/22/2005	W9547-01	South Korea	10-1997-0056780		Response
WDB RS		1/22/2005		W9553-02	South Africa	2004/8095		Assignment Document
CAC DPD	BJA	1/22/2005	1/22/2005	W9464-04	US	308697	Chester	Office Action
WDB RS		1/22/2005		W9553-02	South Africa	2004/8095		Copy of IPER
WDB RS		1/22/2005		W9540-02	South Africa	2004/8187		Declaration
WDB RS		1/22/2005		W9540-02	South Africa	2004/8187		Power of Attorney
WDB RS		1/22/2005		W9540-02	South Africa	2004/8187		Assignment Document
WDB RS		1/22/2005		W9540-02	South Africa	2004/8187		Copy of IPER
WDB RS		1/22/2005		W9527-01	Turkey	02/2098		Deed of Assignment

ATTY	ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
	WDB		1/22/2005		W9553-02	South Africa	2004/8095		Power of Attorney
	RS								
	WDB		1/22/2005		W9553-02	South Africa	2004/8095		Declaration
	RS								
	WDB		1/23/2005		W9527-01	Japan	2001-563431		Deed of Assignment
	RS								
	WDB		1/23/2005		W9711-01	US	421608	Anderson	Rec'd Office Action
	RS								
	CAC	BJA	1/23/2005		W9478-01	India	2002-003/DEI		Share Assignment
	DPD								
	CAC		1/23/2005	3/23/2005	W9644-01	US	806563		Foreign File
	DPD								
	CAC		1/23/2005		W9483-01	China	00813114.7		Assignment Document
	DPD								
	WDB		1/23/2005			US	2004/0106180		Patent Watch
	RS								
	WDB		1/23/2005			US			Patent Watch (check status) - Pub. No. US2003/0091411 & US2004/0062701
	RS								

Ram HST 12305 12305 W9443302 Europe 00986430.7 Response  
 Ram HST 12305 12305 W944802 Europe 00986429.9 Response

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB RS		1/24/2005		W9552-01	South Africa	2004/10373		Declaration
WDB RS		1/24/2005		W9552-01	India			Application Form 1A
WDB RS		1/24/2005		W9552-01	India			Power of Authority
WDB RS		1/24/2005		W9552-01	India			Section 8(1) Details
WDB RS		1/24/2005		W9552-01	India			Section 8(2) Details
CAC DPD		1/24/2005	3/31/2005		Europe	762935		Response
WDB RS		1/24/2005		W9552-01	South Africa	2004/10373		Copy of IPER
WDB RS		1/24/2005		W9552-01	South Africa	2004/10373		Assignment Document
WDB RS		1/24/2005		W9552-01	South Africa	2004/10373		Power of Attorney

ATTY	ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
	WDB		1/26/2005			Japan			Watch Patent Appln. Ohji Seishi
	RS								
	WDB		1/26/2005		W9552-01	Poland			Power of Attorney
	RS								
	WDB		1/27/2005		W9540-02	Poland	20044421		Assignment Document
	RS								
	WDB		1/27/2005	4/27/2005		Europe	1300112		Possible Opposition
	RS								
	CAC	BJA	1/27/2005		W9453-01	Australia	44687/99		Nominal Working
	DPD								
	WDB		1/27/2005	1/27/2005	W9552-01	China			Power of Attorney
	RS								
	WDB		1/27/2005		W9568-02	Poland			Power of Attorney
	RS								
	CAC		1/27/2005	1/27/2005	W9483-01	Singapore	200201509-7		Copy of Record updated inventorship
	DPD								
	WDB		1/27/2005		W9546-02	Poland	20044421		Power of Attorney
	RS								

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ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
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RAM	BJA	1/27/2005	1/27/2005	W7454-02	Canada	2046802-5		Response
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WDB		1/27/2005		W9539-02	Poland			Power of Attorney
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RS

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RS

WDB	BJA	1/29/2005		W9517-01	Colombia	04001078		IPER and Annexes (if any)
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DPD

WDB		1/30/2005		W9539-02	India	2969/DELNP/2004		Section 8(1) Details
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RS

WDB		1/30/2005		W9673-01	US	Hoefel		Assignment Document
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RS

WDB		1/30/2005		W9673-01	US	Hoefel		Declaration
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RS

WDB		1/30/2005		W9539-02	India	2969/DELNP/2004		Application Form 1A
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RS

ATTY	ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
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	RS								
	WDB		1/30/2005		W9543-01	India	1914/DELNP/2004		Section 8 (2) Details
	RS								
	WDB		1/30/2005		W9543-01	India	1914/DELNP/2004		Section 8 (1) Details
	RS								
	WDB		1/30/2005		W9543-01	India	1914/DELNP/2004		Power of Authority
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	WDB		1/30/2005		W9539-02	India	2969/DELNP/2004		Section 8(2) Details
	RS								
	WDB		1/30/2005	1/30/2005	W9305-01	Poland	P-334703		Response
	RS								
	WDB		1/30/2005		W9566-02	India	2967/DELNP/2004		Application Form 1A
	RS								



ATTY	ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
	WDB		1/30/2005		W9566-02	India	2967/DELNP/2004		Power of Authority
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	WDB		1/30/2005	1/30/2005	W9530-02	Taiwan	91114137		Response
	RS								
	WDB		1/30/2005		W9675-01	US		Hoefer	Power of Attorney
	RS								
	WDB		1/30/2005		W9566-02	India	2967/DELNP/2004		Section 8(2) Details
	RS								
	WDB		1/30/2005		W9540-02	India	2973/DELNP/2004		Application Form 1A
	RS								
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	RS								
	WDB		1/30/2005		W9540-02	India	2973/DELNP/2004		Power of Authority
	RS								
	WDB		1/30/2005	1/31/2005	W9427-01	Ukraine	2001020871/M		Response
	RS								
	WDB		1/31/2005						Inventors Compensation for 2004
	RS								

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB RS		2/1/2005		W9552-01	Brazil			Priority Document
WDB RS		2/1/2005		W9001-01	Europe	95250209.4		Power of Attorney - AT, Be, CH, ES, IT, NL, & SE
CAC LLB		2/2/2005	4/2/2005	W9645-01	US	817069		Foreign File
CAC LLB	BJA	2/2/2005	8/2/2005	W9561-02	US	909706		Foreign File
CAC LLB	BJA	2/2/2005	8/2/2005	W9634-02	US	909709		Foreign File
WDB RS		2/2/2005			Europe	1355856		Rhodia - Watch
CAC DPD		2/3/2005	8/3/2005	W9564-01	PCT	US04/03006		Chapter II National Stage Entry
WDB RS		2/3/2005		W9682-00			Herrig	Review
WDB RS		2/3/2005		W9665-00			Herrig	Review

ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
CAC	BJA	2/3/2005	5/3/2005	W9556-03	US	837846	Rudesill	Foreign File

LLB

CAC	2/5/2005	3/4/2005	W9483-01	Europe	00965178.7	Response and Requesting further Processing
DPD						

~~CAC 2/5/2005 W9680-01 US 625544 Ziebarth Inventor Award~~  
~~DPD~~

WD3	2505	W926101 Thibault 045522	Copy of course notes
WDB	2/5/2005	US	2004/0106180 A1
RS			Patent Watch Reminder

WD3	2505	W926101 Thales	048588	Amend claims
WDB	2/5/2005	Europe	WO2004/0436649A	Patent Watch
RS				

CAC	BJA	2/5/2005	4/5/2005	W9478-02	US	236267	Roberie	Appeal Brief
DPD								

WDB	2/6/2005	4/6/2005	W9305-06	US	615998	Pryor	Office Action
RS							

WDB	2/6/2005	US	2004/0077768	Patent Watch
RS				

WDB 2/6/2005 4/6/2005 W9647-01 Us 122275 Shalon Non-Compliant Appeal Brief  
RS

ATTY								
ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB RS		2/6/2005		W9552-01	Thailand	082778		Assignment Document
CAC DPD	BJA	2/6/2005		W9478-01	US	649627	Roberie	Recordation of Mobil
WDB RS		2/6/2005			US	2004/0097600		Patent Watch
CAC DPD		2/6/2005		W9489-01	India	760/MUMNP/2003		Application Form 1A
CAC DPD		2/6/2005		W9489-01	India	760/MUMNP/2003		Section 8 (2) Details
WDB RS		2/7/2005	2/7/2005		Europe	1241132		Degussa AG (Patent Watch) - Response
WDB RS		2/7/2005	7/7/2005	W9427-03	US	887376		Foreign File
CAC DPD		2/7/2005		W9484-01	Japan	2001-546840		Assignment - owned by Mobil & Grace
WDB RS		2/7/2005	2/7/2005	W9447-03	China	01811444.X		Two Mdr Ext-Response

ATTY	ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
	CAC	BJA	2/8/2005	3/8/2005	W9517-01	US	901939	Roberie	Office Action
	DPD								
	WDB		2/8/2005		W9495-01	Europe	02794863.7		Copy of International Preliminary Examination Report (IPER)
	RS								
	WDB		2/9/2005	2/9/2005	W9298-01	Norway	19986146		Response
	RS								
	WDB		2/9/2005	2/9/2005	W9553-02	Argentina	P030100966		Priority Application has been Granted
	RS								
	WDB		2/9/2005	2/9/2005	W9413-02	China	99812283.1		Two Mth Ext -Office Action
	RS								
	WDB		2/9/2005	2/9/2005	W9298-01	Argentina	P970102830		Priority Application has been Granted
	RS								
	WDB		2/9/2005	2/9/2005	W9427-01	Argentina	P990103351		Priority Application has been Granted
	RS								
	WDB		2/9/2005	2/9/2005	W9413-02	Argentina	P990103352		Priority Application has been Granted
	RS								

*from 2-9-05 2-9-05 W9413-02 Russia 2002119424 Legman*

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB RS		2/9/2005	2/9/2005	W9566-02	Argentina	P030100963		Priority Application has been Granted
WDB RS		2/9/2005	2/9/2005	W9539-02	Argentina	P030100964		Priority Application has been Granted
WDB RS		2/9/2005	2/9/2005	W9540-02	Argentina	P030100965		Priority Application has been Granted
WDB RS		2/9/2005	2/9/2005	W9552-01	Argentina	P030101926		Priority Application has been Granted
CAC LLB	HJT	2/9/2005	2/9/2005	W9577-01	Argentina	P030104759		Priority Application has been Granted
CAC LLB	HJT	2/9/2005	2/9/2005	W9515-01	Argentina	P020101317		Priority Application has been Granted
CAC LLB	HJT	2/9/2005	2/9/2005	W9479-01	Argentina	P020101316		Priority Application has been Granted
WDB RS		2/9/2005	3/9/2005	W9646-01	US	114528		Notice of Appeal

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ATTY	ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
	CAC	BJA	2/13/2005	2/13/2005	W9494-01	Brazil	PI 0207174-6		Request for Examination
	LLB								

CAC	BJA	2/13/2005	2/13/2005	W9494-01	Japan	2002-568665		Request for Examination
LLB								

WDB			2/13/2005	2/13/2005	W9495-01	Canada	2457730		Assignment Document
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RS									
WDB			2-14-05				WO 2004/045501 A.2		Patent water
WDB			2-14-05				WO 03/055302 A1		

WDB			2/15/2005	2/15/2005	W9427-01	Europe	99928814.5		Response
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RS									
CAC BJA			2-14-05	5-14-05	W9494-01	US	846816		FF
WDB			2-14-05				WO 2004/065299		Water

RAM	HJT		2/17/2005	2/17/2005	W9509-02	US	120291	Shih	Issue fee
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LLB									
CAC BJA			2-14-05	5-14-05	W9494-01	US	846818		FF
CAC BJA			2-15-05	4-15-05	W9634-01	US	824913		FF
WDB			2-15-05	6-15-05	W9628-01	US	579694	(Leyman)	File Reg Appln.

RAM	HJT		2/17/2005	2/17/2005	W9514-02	US	120310	Shih	Issue Fee
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LLB									
WDB			2-15-05	6-15-05	W9628-01	US	579694		FF
WDB			2-16-05	7-16-05	W9495-02	US	892779		FF

CAC			2/18/2005	2/18/2005	W9484-01	Australia	21031/01		Order for Acceptance
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DPD									
CAC			2-16-05	3-16-05	W9570-01	US	801424	Nu	FF
WDB			2-17-05		W9539-02	South Africa	2004/2091		Declaration

WDB			2/18/2005	2/18/2005	W9425-01	Europe	99920682.4		Oral Proceedings
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RS									
WDB			2-17-05		W9539-02	South Africa	2004/2091		Power of atty
WDB			2-17-05		W9539-02	"			Assign
WDB			2-17-05		"	"			Copy of 1 PER

WDB			2/18/2005	2/18/2005	W9427-01	China	99810731.X		Certificate Fee and 6th Annuity
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RS									
WDB			2-17-05	8-17-05			Europe 0987219		Possible objection
CAC BJA			2-17-05		W9440-01	Singapore	20058980-3		IDS
WDB			2-17-05		W9539-02	South Africa	2004/2091		Assign
WDB			2-19-05	7-19-05	W9671-01	US	589074		FF



ATTY	ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
	CAC	BJA	2/19/2005	2/19/2005	W9494-01	Australia	2002255584		File Normal or Modified Examination
LLB	CAE	HOS	2/19/05	6/19/05	W95701.01	PC	US 03/04322		Chapter 2
	CAE	HOS	2/19/05	6/19/05	W9563.01	PC	US 03/39368		Chapter 2
	CAC		2/20/2005	2/20/2005	W9489-01	Brazil	PI0207856-2		Request for Examination
DPD	CAE		2/20.05	2/20.05	W9571.01	PC	US 2004/009350		Article 19 Amendment
	CA	BJA	2/20/05	2/20.05	W9440.02	US	15 1260	Lucent	Official
	CAC		2/20/2005	2/20/2005	W9489-01	Russian Federation	2003130097		Request for Examination
DPD	WDB		2/20.05	4/20/05	W9530.02	US	133834	Peterson	Official
	WDB		2/21.05		W9533.02	China	2974/DELNP/2004		Section 8(2) Rules
	WDB		2/22/2005	2/22/2005		Europe	0880989		Response
RS	CAE	BJA	2/21.05	4/21.05	W9557.01	PC	US 03/33479		Chapter 2
	WDB		2/21.05		W9533.02	China	2974/DELNP/2004		Form 1A
	WDB		2/23/2005	2/23/2005	W9498-01	Canada	2458308		Assignment Document
RS	CAE	BJA	2/21.05	4/21.05	W9558.01	PC	US 03/33472		Chapter 2
	CAE	BJA	2/21.05	4/21.05	W9625.01	PC	US 03/33477		Chapter 2
	WDB	Brinks	2/23/2005	2/23/2005	W9711-01	PCT	US2004/011960		Response to PCT Written Opinion
RS	WDB		2/21.05		W9533.02	China	2974/DELNP/2004		Power of authority
	WDB		2/21.05		W9533.02	China	2974/DELNP/2004		Section 8(1) Rules
	CAC	BJA	2/24/2005	2/24/2005	W9556-02	US	642924	Yaluri	Issue fee
LLB	WDB		2/22.05		W9566.02	South Africa	2004/8094		Passage fee
	WDB		2/22.05		W9566.02	"	"		Cost of 1 PER
	CAC	BJA	2/25/2005	2/25/2005	W9463-02	China	99122963.0		Response
DPD	WDB		2/22.05		W9566.02	South Africa	2004-8094		Declaration
	WDB		2/22.05		W9566.02	"	"		Assign
	WDB		2/27/2005	2/27/2005	W9527-01	India	2002.01191/MUM		Request for Examination
RS	CAE		2/22.05		W9548.01	Canada	239823		Assign
	WDB		2/22.05		W9533.02	South Africa	2004/8095		Assign

ATTY	ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
	WDB		2/28/2005	2/28/2005	W9495-01	Croatia	P20040148		Request for Examination
RS	WD3		2.22.05		W9540.02	South Africa	2004/8187		Declaration
	WD3		2.22.05		W9540.02	"	"		Power of Attorney
	WDB		2/28/2005	2/28/2005	W9528-01	Hungary	P0204138		Request for Examination
RS	WD3		2.22.05		W9540.02	South Africa	2004/8187		Assign
	WD3		2.22.05		W9540.02	"	"		Copyright PER
	CAC	BJA	2/28/2005	5/30/2005	W9556-03	US	837846	Yaluris	Office Action
LLB	WD3		2.22.05		W9527.01	Turkey	02/2003		Assign
	WD3		2.22.05		W9553.02	South Africa	2004/8095		Power of Attorney
	WDB		2/28/2005		W9695-00				Discussion to File
RS	WD3		2.22.05		W9553.02	South Africa	2004/8095		Declaration
	WD3		2.23.05		W9527.01	South Africa	2001-503431		Assign
	CAC	BJA	2/28/2005	2/28/2005	W9440-01	South Korea	2000-7012173		Request for Examination
LLB	WD3		2.23.05		W9711.01	US	421603	Anderson	Rec'd office action
	CAC	BJA	2.23.05		W9478.01	China	2002.103	PER	Assign
	CAC	BJA	2/28/2005	2/28/2005	W9440-01	Canada	2331123		Request for Examination
LLB	CAC		2.23.05	3.23.05	W9444.01	US	800503		ff
	WD3		2.23.05			US	2004/0100180		Patent water
	CAC	BJA	2/28/2005	2/28/2005	W9440-01	Australia	32474/00		Request for Examination
LLB	WD3		2.23.05			US			Patent water (electronic)
	WD3		2.23.05	2.28.05	W9719.12	Europe	00122480.7		Assign
	CAC	BJA	3/1/2005		W9557-02	US	632044	Yaluris	Inventor Award
LLB	WD3		2.24.05		W9552.01	South Africa	2004/110573		Declaration
	WD3		2.24.05		W9552.01	China	3780/DELMP/2004		Form 1A
	WDB		3/3/2005	3/3/2005	W9447-02	Europe	99970677.2		Response
RS	WD3		2.24.05		W9552.01	China	3780/DELMP/2004		Power of Attorney
	WD3		2.24.05		W9552.01	"	"		Section 38(1) details
	WD3		2.24.05		W9552-01	"	"		" (2) "

ATTY	ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
	CAC		3/5/2005	3/5/2005	W9401-01	Europe	99930212.8		Response
	DPD								
	WD3		2.24.05		W9552.01	South Africa	2004/16373		Change of IPER
	WD3		2.24.05		"	"	"		Assign
	WLB	HJT	3/6/2005	3/6/2005	W8797-02	Europe	96942911.7		Response to Examination Report
	LLB								
	WD3		2.24.05		W9552.01	South Africa	2004/16373		Power of attorney
	WD3		2.26.05			Japan			Written power of attorney
	WDB		3/6/2005	3/6/2005	W9543-01	Europe	02796709.0		File in Hong Kong
	RS								
	WD3		2.26.05		W9552.01	Poland			Power of attorney
	CAC HST		2.21.05	2.21.05	W9488.01	Europe	02728631.9		Response
	RAM	HJT	3/7/2005	3/7/2005	W9520-02	Europe	02751958.6		File in Hong Kong
	LLB								
	WD3		2.24.05	2.24.05	W9721.03	Japan	2002-239184		Official fee
	CAC BSA		3.8.05	3.8.05	W9517.01	Europe	02752505.4		Response
	WDB		3/9/2005	3/9/2005	W9525-01	Canada	2164208		Grant fees
	RS								
	CAC HST		3.9.05	6.9.05	W9577.01	US	322417	Lesemann	Specification
	WD3		2.27.05		W9540.02	Poland	20044421		Assign
	WDB		3/11/2005	3/11/2005		Europe	1346840		Agfa-Gevaert N.V. (Patent Watch) - Grant and Printings Fees
	RS								
	WD3		2.27.05	4.27.05		Europe	1346112		Possible opposition
	CAC BSA		2.27.05		W9453.07	Australia	44637199		Normal working
	WDB		3/11/2005	3/11/2005	W9643-02	PCT	US04/21998		CHAPTER I NATIONAL STAGE ENTRY
	RS								
	WD3		2.27.05		W9566.02	Poland			Power of attorney
	WD3		2.27.05		W9540.02	Poland	20044421		Power of attorney
	WDB		3/13/2005	3/13/2005	W9530-02	Europe	02754793.4		File in Hong Kong
	RS								
	WD3		2.27.05		W9539.02	Poland			Power of attorney
	WD3		2.27.05		W9533.02	Poland	20044422		Assign
	CAC BSA		3.16.05	3.16.05	W9453.03	US	013708	Chen, H	IDS
	WD3		2.27.05		W9553.02	Poland	20044422		Power of attorney

ATTY	ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
	CAC		3/16/2005	3/16/2005	W9489-01	Australia	2002244121		File Normal or Modified Examination
DPD	CAC	BSA	3-16-05	3-16-05	W9416303	VS	013481	Cheng	IDS
	<del>CAC</del>	<del>BSA</del>	<del>3-16-05</del>		<del>W9416303</del>	<del>VS</del>	<del>013481</del>	<del>Cheng</del>	<del>HW Inter award</del>
	WDB		3/19/2005	3/19/2005	W9540-02	China	03811439.9		Request for Examination
RS	CAC	SSA	2-28-05		W9517-01	Columbia	04001078		IPER
	WD3		2-28-05		W9539-02	China	2969/DELNP/2004		Section 8(1) patent
	WDB		3/19/2005	3/19/2005	W9553-02	China	03811484.4		Request for Examination
RS	WD3		2-28-05		W9675-01	VS		Harper	Assign
	WD3		2-28-05		W9675-01	VS		Harper	Declaration
	WDB		3/19/2005	3/19/2005	W9539-02	China	03811482.8		Request for Examination
RS	WD3		2-28-05		W9539-02	China	2969/DELNP/2004		Form 1A
	WD3		2-28-05		W9540-02	China	2973/DELNP/2004		Section 8(1) patent
	CAC	HJT	3/19/2005	3/19/2005	W9577-01	PCT	US03/40322		Reminder for IPER & Written Opinion
LLB	WD3		2-28-05		W9540-02	China	2973/DELNP/2004		Section 8(2) patent
	WD3		2-28-05		W9513-02	China	1914/DELNP/2004		
	CAC	HJT	3/19/2005	3/19/2005	W9563-01	PCT	US03/39368		Reminder for IPER & Written Opinion
LLB	CAC		3-20-05	3-20-05	W9571-01	PCT	US2004/009350		Written Opinion
	LLB	HJT	3-25-05	3-25-05	W9797-02	Phil	2240-96		Response
	CAC	HJT	3/27/2005	3/27/2005	W9515-01	Indonesia	W-00200301991		Request for Examination
LLB	WD3		2-28-05		W9513-01	China	1914/DELNP/2004		Section 8(1) patent
	WD3		2-28-05		W9513-02	China	1914/DELNP/2004		Power of attorney
	CAC	HJT	3/27/2005	3/27/2005	W9488-01	Indonesia	W-00200301992		Request for Examination
LLB	WD3		2-28-05		W9539-02	China	2969/DELNP/2004		Power of attorney
	CAC	HJT	3-28-05	3-28-05	W9575-01	VS	833603	Cheng	Issue fee
	CAC	HJT	3/28/2005	3/28/2005	W9479-01	Czech Republic	PV2003-2731		Request for Examination
LLB	WD3		3-30-05	3-30-05	W9553-02	VS	391287	Frux	Issue fee
	WD3		3-30-05	3-30-05	W9566-02	VS	391270	Frux	"

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ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB RS		4/20/2005	4/20/2005	W9425-01	Germany	19817257.5		Response
WDB RS		4/23/2005	10/23/2005	W9711-01	PCT	US04/11960		Chapter II National Stage Entry
CAC LLB	BJA	5/2/2005	11/2/2005	W9558-01	US	624492		Foreign File
CAC LLB	BJA	5/2/2005	11/2/2005	W9558-01	US	624492	Yaluris	Filing Regular Application
CAC DPD		5/3/2005	5/3/2005	W8240-01	Canada	2111400		Response
CAC DPD		5/3/2005	5/3/2005	W7860-01	Canada	2111399		Response
CAC DPD		5/4/2005	5/4/2005	W8241-01	Canada	2111398		Response
CAC DPD		5/5/2005	11/5/2005	W9680-01	US	625544		Filing Regular Application
CAC DPD		5/5/2005	11/5/2005	W9680-01	US	625544		Foreign File

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB RS		5/11/2005	5/11/2005	W9643-02	PCT	US2004/021998		Response to PCT Written Opinion
RAM LLB		5/13/2005	5/13/2005	W9448-02	India	2002,00801/MUM		Order for Acceptance
RAM LLB	HJT	5/16/2005	5/16/2005	W8903-01	Canada	2266910		Final Fees
WDB RS		5/22/2005	5/22/2005	W9540-02	Europe	03714244.5		File in Hong Kong
WDB RS		5/29/2005	5/29/2005	W9539-02	Europe	03716724.4		File in Hong Kong
WDB RS		5/31/2005	5/31/2005	W9552-01	China			Request for Examination
CAC LLB	BJA	6/1/2005	12/1/2005	W9557-02	US	632044	Yaluris	Foreign File
CAC LLB	BJA	6/1/2005	12/1/2005	W9557-02	US	632044	Yaluris	Filing Regular Application
RAM LLB	HJT	6/6/2005	6/6/2005	W9482-01	Australia	2002245309		Search Results

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB RS	Brinks	6/6/2005	6/6/2005	W9709-01	PCT	US04/37112		DEMAND
CAC LLB	BJA	6/6/2005	6/6/2005	W9561-02	PCT	US04/36642		DEMAND
WDB RS		6/7/2005	6/7/2005	W9425-01	Malaysia	PI 9901501		Response to Examination Report
WDB RS		6/9/2005	6/9/2005	W9526-01	Australia	2002238441		Search Results
WDB RS		6/12/2005	6/12/2005	W9429-01	Germany	19815564.6		Response
WDB RS		6/16/2005	6/16/2005	W9443-02	India	2001,00089/MUM		Order for Acceptance
CAC BJA 6/16-05 12-16-05 W9443-02 US 013481 FF								
WLB LLB	HJT	6/18/2005	6/18/2005	W8797-02	India	2785/DEL/96		Order for Acceptance
WDB RS		6/19/2005	6/19/2005	W9566-02	Europe	03714239.5		File in Hong Kong
RAM LLB	HLC	6/20/2005	6/20/2005	W9652-02	PCT	US04/38529		DEMAND



ATTY	ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
	WDB		6/22/2005	6/22/2005	W9298-02	Japan	508696/99		Request for Examination
	RS								
	WDB		6/25/2005	6/25/2005	W9261-01	Germany	19805358.4		Office Action
	RS								
	WDB		6/28/2005	6/28/2005	W9530-02	Brazil	PI0210819-4		Request for Examination
	RS								
	WDB		6/28/2005	6/28/2005	W9530-02	Japan	510733/03		Request for Examination
	RS								
	WDB		6/30/2005	6/30/2005	W9543-01	Canada	2472147		Assignment Document
	RS								
	WDB		6/30/2005	6/30/2005	W9530-02	Argentina	P020102498		Request for Examination
	RS								
	WDB		6/30/05	12/30/05	W967501	US	640693		FF
	WDB		6/30/05	12/30/05	W967501	US	640693		file ref appln
	WDB		7/4/2005	7/4/2005	W9530-02	Malaysia	PI20022540		Full Examination
	RS								
	WDB	Brinks	7/6/2005	7/6/2005	W9709-01	PCT	US04/37112		CHAPTER 1 NATIONAL STAGE ENTRY
	RS								
	CAC	BJA	7/6/2005	7/6/2005	W9561-02	PCT	US04/36642		CHAPTER 1 NATIONAL STAGE ENTRY
	LLB								

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
CAC		7/7/2005	7/7/2005	W9571-01	PCT	US04/09850		Reminder for IPER & Written Opinion
DPD								
CAC	BJA	7/8/2005	7/8/2005	W9440-01	India	2000,00549/MUM		Order for Acceptance
LLB								
CAC	BJA	7/8/2005	7/8/2005	W9517-01	Indonesia	W-00 2004 00045		Request for Examination
DPD								
CAC	BJA	7/9/2005	7/9/2005	W9517-01	Japan	512337/03		Request for Examination
DPD								
CAC	BJA	7/9/2005	7/9/2005	W9517-01	Brazil	PI0210972-7		Request for Examination
DPD								
WDB		7/11/2005	1/11/2006	W9643-02	PCT	US04/21998		Chapter II National Stage Entry
RS								
CAC		7/11/2005	7/11/2005	W9637-01	PCT	US03/14635		Reminder for IPER & Written Opinion
DPD								
RAM	HLC	7/20/2005	7/20/2005	W9652-02	PCT	US04/38529		CHAPTER I NATIONAL STAGE ENTRY
LLB								

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB RS		7/23/2005	7/23/2005	W9711-01	PCT	US04/11960		Reminder for IPER & Written Opinion
CAC DPD		7/25/2005	7/25/2005	W9446-01	Canada	2379960		Request for Examination
WDB RS		8/12/2005	8/12/2005	W9495-01	Brazil	PI0211927-7		Request for Examination
WDB RS		8/12/2005	8/12/2005	W9495-01	Ukraine	200402119/M		Request for Examination
WDB RS		8/12/2005	8/12/2005	W9495-01	Japan	520463/03		Request for Examination
CAC LLB	BJA	8/16/2005	8/16/2005	W9494-01	Singapore	200305528-2		Grant fees
WDB RS		8/20/2005	8/20/2005	W9498-01	Japan	522682/03		Request for Examination
CAC DPD		9/16/2005	9/16/2005	W9489-01	Australia	2002244121		Search Results
WDB RS		9/17/2005	9/17/2005	W9540-02	Canada	2479692		Assignment Document

WDB 9-2-05 9-2-05 W9552-01 Eugene 03735448.7 File in HK

ATTY ASST.	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
CAC DPD	BJA	9/18/2005	9/18/2005	W9478-01	Australia	75886/00		Request for Examination
CAC DPD	BJA	9/18/2005	9/18/2005	W9478-01	Canada	2385439		Request for Examination
CAC DPD	BJA	9/18/2005	9/18/2005	W9478-01	South Korea	2002-7003717		Request for Examination
CAC DPD		9/20/2005	9/20/2005	W9483-01	Canada	2384030		Request for Examination
WDB RS		10/2/2005	10/2/2005	W9427-01	Thailand	051514		Substantive Examination
WDB RS		10/5/2005	10/5/2005	W9543-01	New Zealand	533911		Date Formal Request for Entry into National Phase to be Filed
WDB RS		10/11/2005	10/11/2005	W9643-02	PCT	US04/21998		Reminder for IPER & Written Opinion
CAC LLB	HJT	10/13/2005	10/13/2005	W9323-01	Singapore	200305913-6		Grant fees

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
CAC LLB	HJT	10/13/2005	10/13/2005	W9488-01	Singapore	200305993-8		Grant fees
CAC LLB	HJT	10/13/2005	10/13/2005	W9479-01	Singapore	200305859-1		Grant Fees
CAC LLB	HJT	10/13/2005	10/13/2005	W9515-01	Singapore	200305994-6		Grant fees
RAM LLB	HJT	10/19/2005	10/19/2005	W9459-01	South Korea	2002-7005582		Request for Examination
WDB RS	Brinks	12/6/2005	5/6/2006	W9709-01	PCT	US04/37112		Chapter II National Stage Entry
CAC LLB	BJA	12/6/2005	5/6/2006	W9561-02	PCT	US04/36642		Chapter II National Stage Entry
CAC DPD		12/15/2005	12/15/2005	W9484-01	Canada	2392923		Request for Examination
CAC DPD		12/15/2005	12/15/2005	W9484-01	Australia	21031/01		Request for Examination
RAM LLB		12/18/2005	12/18/2005	W9448-02	South Korea	2002-7008050		Request for Examination

WDB 11-29-05 11-29-05 W935201 Canada

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ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
RAM LLB		12/18/2005	12/18/2005	W9433-02	South Korea	2002-7008118		Request for Examination
RAM LLB	HLC	12/20/2005	5/20/2006	W9652-02	PCT	US04/38529		Chapter II National Stage Entry
WDB RS		12/20/2005	12/20/2005	W9543-01	Brazil	PI0215442-0		Request for Examination
WDB RS		12/20/2005	12/20/2005	W9543-01	Japan	556164/03		Request for Examination
WDB RS		12/20/2005	12/20/2005	W9543-01	Russain Federation	2004123633		Request for Examination
CAC DPD		1/2/2006	1/2/2012					Annual Aquamend Royalty Due
CAC DPD	BJA	1/10/2006	1/10/2006	W9517-01	Singapore	200400005-5		Grant fees
WDB RS		1/18/2006	1/18/2006	W9413-02	Thailand	051565		Substantive Examination
WDB RS		2/3/2006	2/3/2006	W9261-01	Japan	531497/00		Request for Examination

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB	Brinks	2/6/2006	2/6/2006	W9709-01	PCT	VS04/37112		Reminder for IPER & Written Opinion
RS								
CAC	BJA	2/6/2006	2/6/2006	W9561-02	PCT	US04/36642		Reminder for IPER & Written Opinion
LLB								
RAM		2/11/2006	2/11/2006	W9391-01	Japan	2000-533469		Request for Examination
LLB								
CAC	BJA	2/13/2006	2/13/2006	W9494-01	India	746/MUMNP/2003		Request for Examination
LLB								
RAM	HLC	2/20/2006	2/20/2006	W9652-02	PCT	US04/38529		Reminder for IPER & Written Opinion
LLB								
CAC		2/20/2006	2/20/2006	W9489-01	India	760/MUMNP/2003		Request for Examination
DPD								
WDB		2/27/2006	2/27/2006	W9527-01	Canada	2401841		Request for Examination
RS								
WDB		2/27/2006	2/27/2006	W9527-01	South Korea	2002-7011548		Request for Examination
RS								
WDB		3/6/2006	3/6/2006	W9425-01	Thailand	049928		Substantive Examination
RS								

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB RS		3/13/2006	3/13/2006	W9540-02	Taiwan	92105498		Substantive Examination
WDB RS		3/13/2006	3/13/2006	W9553-02	Taiwan	92105499		Substantive Examination
WDB RS		3/18/2006	3/18/2006	W9566-02	Argentina	P030100963		Request for Examination
WDB RS		3/18/2006	3/18/2006	W9539-02	Argentina	P030100964		Request for Examination
WDB RS		3/18/2006	3/18/2006	W9553-02	Argentina	P030100966		Request for Examination
WDB RS		3/18/2006	3/18/2006	W9540-02	Argentina	P030100965		Request for Examination
WDB RS		3/18/2006	3/18/2006	W9539-02	Taiwan	92105923		Substantive Examination
WDB RS		3/19/2006	3/19/2006	W9540-02	Brazil	PI0308560-0		Request for Examination
WDB RS		3/19/2006	3/19/2006	W9539-02	Brazil	PI0308558-9		Request for Examination



ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB RS		3/19/2006	3/19/2006	W9553-02	Japan	578471/03		Request for Examination
WDB RS		3/19/2006	3/19/2006	W9553-02	Russian Federation	2004130824		Request for Examination
WDB RS		3/19/2006	3/19/2006	W9539-02	Japan	578155/03		Request for Examination
WDB RS		3/19/2006	3/19/2006	W9539-02	Russian Federation	2004130835		Request for Examination
WDB RS		3/19/2006	3/19/2006	W9566-02	Russian Federation			Request for Examination
WDB RS		3/19/2006	3/19/2006	W9566-02	Japan	585981/03		Request for Examination
WDB RS		3/19/2006	3/19/2006	W9540-02	Japan	578154/03		Request for Examination
WDB RS		3/19/2006	3/19/2006	W9553-02	Brazil	PI0308557-0		Request for Examination

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB RS		3/19/2006	3/19/2006	W9540-02	Russian Federation	2004130836		Request for Examination
WDB RS		3/19/2006	3/19/2006	W9566-02	Brazil	PI0308561-9		Request for Examination
CAC LLB	HJT	3/28/2006	3/28/2006	W9323-01	India	770/MUMNP/2003		Request for Examination
CAC LLB	HJT	3/28/2006	3/28/2006	W9488-01	India	829/MUMNP/2003		Request for Examination
CAC LLB	HJT	3/28/2006	3/28/2006	W9479-01	India	761/MUMNP/2003		Request for Examination
CAC LLB	HJT	3/28/2006	3/28/2006	W9515-01	India	832/MUMNP/2003		Request for Examination
WDB RS		3/31/2006	3/31/2006	W9429-01	Japan	2000-540923		Request for Examination
WDB RS		4/10/2006	4/10/2006	W9566-02	Taiwan	92108242		Substantive Examination
WDB RS		4/11/2006	4/11/2006	W9447-03	Canada	2406958		Request for Examination

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB RS		4/11/2006	4/11/2006	W9447-03	South Korea	2020-7013988		Request for Examination
WDB RS		4/16/2006	4/16/2006	W9425-01	Japan	2000-544734		Request for Examination
WDB RS	Brinks	5/4/2006	5/4/2006	W9718-01	Japan	2000-546862		Request for Examination
WDB RS		5/23/2006	5/23/2006	W9552-01	Japan	509735104		Request for Examination
WDB RS		5/23/2006	5/23/2006	W9552-01	Brazil	P10311481.3		Request for Examination
WDB RS		5/28/2006	5/28/2006	W9552-01	Taiwan	92114383		Request for Examination
WDB RS		5/28/2006	5/28/2006	W9460-01	Germany	19924453.7		Request for Examination
WDB RS		5/29/2006	5/29/2006	W9552-01	Argentina	P030101926		Request for Examination
CAC DPD		6/10/2006	6/10/2006	W9401-01	Japan	2000-558193		Request for Examination

CAC SDA 6-16-05 12-16-05 W9453-03 US 013708

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ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB RS		6/22/2006	6/22/2006	W9427-01	Turkey	2001/17		Request for Examination
WDB RS		6/22/2006	6/22/2006	W9427-01	Japan	2000-558981		Request for Examination
WDB RS		6/28/2006	6/28/2006	W9530-02	India	0012/DELNP/2004		Request for Examination
WDB RS		7/4/2006	7/4/2006	W9530-02	Malaysia	PI20022540		Modified Examination
WDB RS		7/7/2006	7/7/2006	W9413-02	Japan	2000-559049		Request for Examination
WDB RS		7/7/2006	7/7/2006	W9413-02	Turkey	2001/18		Request for Examination
WDB RS		7/8/2006	7/8/2006	W9443-02	Japan	2000-558983		Request for Examination
CAC DPD	BJA	7/9/2006	7/9/2006	W9517-01	India	00011/MUMNP/200		Request for Examination
CAC DPD	BJA	7/12/2006	7/12/2006	W9393-01	Japan	2000-562135		Request for Examination

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB RS		7/15/2006	7/15/2006	W9643-02	Malaysia	PI20042824		Request for Examination
CAC DPD	Mobil	7/22/2006	7/22/2006	W9435-01	Japan	2000-562334		Request for Examination
RAM LLB		8/9/2006	8/9/2006	W9655-01	Japan	2000-563704		Request for Examination
WDB RS		8/12/2006	8/12/2006	W9495-01	India	00343/DELNP2004		Request for Examination
WDB RS		9/19/2006	9/19/2006	W9553-02	Singapore	200405222.1		Grant fees
WDB RS		9/19/2006	9/19/2006	W9539-02	Singapore	200405220-5		Grant fees
WDB RS		9/19/2006	9/19/2006	W9540-02	Singapore	200405219-7		Grant fees
RAM LLB	HJT	10/1/2006	10/1/2006	W9441-01	Japan	2000-574578		Request for Examination
WDB RS		10/17/2006	10/17/2006	W9566-02	Singapore	200405221-3		Grant fees

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
CAC LLB	BJA	10/20/2006	10/20/2006	W9556-01	Taiwan	92129006		Substantive Examination
CAC LLB	BJA	10/20/2006	10/20/2006	W9557-01	Taiwan	92129005		Substantive Examination
CAC LLB	BJA	10/20/2006	10/20/2006	W9625-01	Taiwan	92129003		Substantive Examination
WDB RS		10/21/2006	10/21/2006	W9447-02	Japan	577250/00		Request for Examination
WDB RS		12/14/2006	12/14/2006	W9526-01	Canada	2436690		Request for Examination
<del>CAC LLB</del>	<del>HJT</del>	<del>12/17/2006</del>	<del>12/17/2006</del>	<del>W9577-01</del>	<del>Taiwan</del>	<del>92135729</del>		<del>Request for Examination</del>
CAC LLB	HJT	12/18/2006	12/18/2006	W9563-01	Taiwan	92135939		Request for Examination
CAC LLB	HJT	12/18/2006	12/18/2006	W9577-01	Argentina	P030104759		Substantive Examination
CAC LLB	HJT	12/18/2006	12/18/2006	W9563-01	Argentina	P030104758		Substantive Examination

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB RS		12/20/2006	12/20/2006	W9543-01	India	1914/DELNP/2004		Request for Examination
RAM LLB		12/20/2006	12/20/2006	W9408-01	Japan	589280/00		Request for Examination
WDB RS		12/22/2006	12/22/2006	W9413-02	Turkey	01/18		Patent to Use
CAC DPD	BJA	12/23/2006	12/23/2006	W9463-02	Germany	19962669.3		Request for Examination
CAC DPD		1/23/2007	1/23/2007	W9483-01	Thailand	060560		Substantive Examination
RAM LLB	HJT	1/25/2007	1/25/2007	W9482-01	Canada	2473739		Request for Examination
CAC DPD		2/2/2007	2/2/2007	W9564-01	Taiwan	93102285		Request for Examination
CAC LLB	BJA	2/13/2007	2/13/2007	W9494-01	South Korea	2003-701695		Request for Examination
CAC LLB	BJA	2/13/2007	2/13/2007	W9494-01	Australia	2002255584		Request for Examination

ATTY								
ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
CAC	BJA	2/13/2007	2/13/2007	W9494-01	Canada	2438700		Request for Examination
LLB								
CAC		2/20/2007	2/20/2007	W9489-01	Australia	2002244121		Request for Examination
DPD								
CAC		2/20/2007	2/20/2007	W9489-01	Canada	2440083		Request for Examination
DPD								
CAC	BJA	2/28/2007	2/28/2007	W9440-01	Japan	2000-602390		Request for Examination
LLB								
WDB		3/19/2007	3/19/2007	W9540-02	India			Request for Examination
RS								
WDB		3/19/2007	3/19/2007	W9539-02	India			Request for Examination
RS								
WDB		3/19/2007	3/19/2007	W9566-02	India			Request for Examination
RS								
WDB		3/19/2007	3/19/2004	W9553-02	India			Request for Examination
RS								
CAC	HJT	3/28/2007	3/28/2007	W9488-01	Canada	2443898		Request for Examination
LLB								



ATTY	ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
CAC	LLB	HJT	3/28/2007	3/28/2007	W9515-01	South Korea	2003-7013418		Request for Examination
CAC	LLB	HJT	3/28/2007	3/28/2007	W9515-01	Canada	2444488		Request for Examination
CAC	LLB	HJT	3/28/2007	3/28/2007	W9488-01	Australia	2002258675		Request for Examination
CAC	LLB	HJT	3/28/2007	3/28/2007	W9488-01	South Korea	2003-7013201		Request for Examination
CAC	LLB	HJT	3/28/2007	3/28/2007	W9515-01	Australia	2002258676		Request for Examination
CAC	LLB	HJT	3/28/2007	3/28/2007	W9479-01	South Korea	2003-7013390		Request for Examination
CAC	LLB	HJT	3/28/2007	3/28/2007	W9479-01	Canada	2444461		Request for Examination
CAC	LLB	HJT	3/28/2007	3/28/2007	W9323-01	South Korea	2003-7013416		Request for Examination
CAC	LLB	HJT	3/28/2007	3/28/2007	W9323-01	Canada	2444393		Request for Examination

ATTY	ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
CAC LLB		HJT	3/28/2007	3/28/2007	W9323-01	Australia	2002258677		Request for Examination
CAC LLB		HJT	3/28/2007	3/28/2007	W9479-01	Australia	2002254479		Request for Examination
CAC DPD			4/7/2007	4/7/2007	W9571-01	Argentina	P040101201		Request for Examination
CAC DPD			4/7/2007	4/7/2007	W9571-01	Taiwan	93109348		Request for Examination
CAC DPD			4/9/2007	4/9/2007	W9637-01	Taiwan	93110063		Request for Examination
RAM LLB		HLC	4/10/2007	4/10/2007	W9568-01	South Korea	2003-7014217		Request for Examination
RAM LLB		HJT	4/10/2007	4/10/2007	W9520-02	South Korea	2003-7041209		Request for Examination
RAM LLB		HLC	4/10/2007	4/10/2007	W9513-02	South Korea	2003-7014216		Request for Examination
RAM LLB		HJT	4/10/2007	4/10/2007	W9514-02	South Korea	2003-7014210		Request for Examination

ATTY	ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
	WDB RS		4/11/2007	4/11/2003	W9465-01	Japan	2001-509424		Request for Examination
	CAC DPD		4/11/2007	4/11/2007	W9637-01	Argentina	P040101217		Request for Examination
	CAC DPD		5/4/2007	5/4/2007	W9436-01	Japan	616922/00		Request for Examination
	WDB RS		5/23/2007	5/23/2007	W9552-01	India	37801 DELNP 12001		Request for Examination
	WDB RS		6/28/2007	6/28/2007	W9530-02	South Korea	2004-7000119		Request for Examination
	WDB RS		6/28/2007	6/28/2007	W9530-02	Australia	2002321144		Request for Examination
	WDB RS		7/9/2007	7/9/2007	W9643-02	Taiwan	93120616		Substantive Examination
	CAC DPD	BJA	7/9/2007	7/9/2007	W9517-01	South Korea	2004-7000392		Request for Examination
	CAC DPD	BJA	7/9/2007	7/9/2007	W9517-01	Canada	2452434		Request for Examination

ATTY	ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
	CAC	BJA	7/9/2007		W9517-01	Australia	2002354582		Request for Examination
	DPD								
	WDB		7/19/2007	7/19/2007	W9528-01	Turkey	02/235		Request for Examination
	RS								
	WDB		8/12/2007	8/12/2007	W9495-01	Australia	2002355940		Request for Examination
	RS								
	WDB		8/12/2007	8/12/2007	W9495-01	South Korea	2004-7002162		Request for Examination
	RS								
	WDB		8/12/2007	8/12/2007	W9495-01	Canada	2457730		Request for Examination
	RS								
	WDB		8/20/2007	8/20/2007	W9498-01	Canada	2458308		Request for Examination
	RS								
	CAC	BJA	9/18/2007	9/18/2007	W9478-01	Japan	525295/01		Request for Examination
	DPD								
	CAC		9/20/2007	9/20/2007	W9483-01	Japan	2001-525296		Request for Examination
	DPD								
	WDB	Brinks	10/13/2007	10/13/2007	W9719-02	Japan	2000-351939		Request for Examination
	RS								

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
RAM LLB	HJT	10/19/2007	10/19/2007	W9459-01	Japan	535421/01		Request for Examination
RAM LLB		10/19/2007	10/19/2007	W9461-01	Japan	535420/01		Request for Examination
RAM LLB		10/19/2007	10/19/2007	W9475-01	Japan	535419/01		Request for Examination
CAC DPD		12/15/2007	12/15/2007	W9484-01	Japan	2001-546840		Request for Examination
RAM LLB		12/18/2007	12/18/2007	W9433-02	Japan	546775/01		Request for Examination
RAM LLB		12/18/2007	12/18/2007	W9448-02	Japan	546774/01		Request for Examination
WDB RS		12/20/2007	12/20/2007	W9543-01	Australia	2002361196		Request for Examination
WDB RS		12/20/2007	12/20/2007	W9543-01	South Korea	2004-7010426		Request for Examination
WDB RS		12/20/2007	12/20/2007	W9543-01	Canada	2472147		Request for Examination

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB RS		2/27/2008	2/27/2008	W9527-01	Turkey	02/2098		Request for Examination
WDB RS		2/27/2008	2/27/2008	W9527-01	Japan	2001-563431		Request for Examination
WDB RS		3/19/2008	3/19/2008	W9539-02	Australia			Request for Examination
WDB RS		3/19/2008	3/19/2008	W9553-02	South Korea	2004-7014850		Request for Examination
WDB RS		3/19/2008	3/19/2008	W9553-02	Australia			Request for Examination
WDB RS		3/19/2008	3/19/2008	W9566-02	Australia			Request for Examination
WDB RS		3/19/2008	3/19/2008	W9540-02	South Korea	2004-7014808		Request for Examination
WDB RS		3/19/2008	3/19/2008	W9566-02	South Korea	2004-7014821		Request for Examination
WDB RS		3/19/2008	3/19/2008	W9540-02	Canada	2479692		Request for Examination

ATTY	ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
	WDB		3/19/2008	3/19/2008	W9540-02	Australia			Request for Examination
	RS								
	WDB		3/19/2008	3/19/2008	W9539-02	South Korea	2004-7014807		Request for Examination
	RS								
	WDB		4/11/2008	4/11/2008	W9447-03	Japan	2001-578567		Request for Examination
	RS								
	WDB		5/23/2008	5/23/2008	W9552-01	Australia			Request for Examination
	RS								
	WDB		5/23/2008	5/23/2008	W9552-01	Canada			Request for Examination
	RS								
	WDB		5/23/2008	5/23/2008	W9552-01	South Korea	2004-7019495		Request for Examination
	RS								
	WDB		6/20/2008	6/20/2008	W-9543-01	Australia	2002361196		Search Results
	RS								
	WDB		8/22/2008	8/22/2008	W9498-01	Germany	10141020.4		Request for Examination
	RS								
	WDB		5/9/2009	5/9/2009	W9530-02	Thailand	074939		Request for Examination
	RS								

ATTY								
ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB RS		5/9/2009	5/9/2009	W9553-02	Thailand	080961		Request for Examination
WDB RS		5/9/2009	5/9/2009	W9539-02	Thailand	080959		Request for Examination
WDB RS		7/8/2009	7/8/2009	W9566-02	Thailand	081682		Request for Examination
WDB RS		7/18/2009	7/18/2009	W9552-01	Thailand	082778		Request for Examination



~~ATTACHMENT C~~  
~~USCA 10/133,509~~  
**ATTACHMENT D**  
USCA No 10/633,509  
Petition

# ALL ATTORNEY'S US AND FOREIGN DOCKET

01-Feb-05

ATTY	ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB	RS		8/23/2003	8/23/2003	W9552-01	US		Fletcher	Info Discl Statement
CAC	LLB	HJT	11/10/2003	11/10/2003	W9488-01	Indonesia	W-00200301992		Copy of International Preliminary Examination Report (PCT/IPEA/416 and 409)
CAC	DPD	BJA	2/9/2004	2/9/2004	W9517-01	Indonesia	W-00 2004 00045		Copy of International Preliminary Examination Reprot (PCT/IPEA/416 & 409)
CAC	DPD		<del>7/4/2004</del>	<del>7/4/2004</del>	<del>W9483-01</del>	<del>Europe</del>	<del>00965178.7</del>		<del>Address of Inventor Timkin</del>
WDB	RS		8/31/2004	8/31/2004	W9552-01	PCT	EP03/05413		Reminder for IPER & Written Opinion
CAC	LLB	BJA	12/18/2004	12/18/2004	W8505-07	US	084141	Peters	Office Action
WDB	RS		12/30/2004	12/30/2004	W9566-02	Europe	03714239.5		Amend Claims

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB RS		12/31/2004	12/31/2004	W9552-01	India	3780/DELNP/2004		Priority Document
RAM LLB	HFT	1/3/2005	1/3/2005	W9441-01	Europe	99948505.5		Response to Examination Report
WDB RS		1/4/2005	1/4/2005	W9498-01	Europe	02796248.9		Response
WDB RS	Brinks	1/9/2005	1/9/2005	W9711-01	PCT	US2004/011960		PCT Article 19 Amendment
WDB RS		1/10/2005	1/10/2005	W9643-02	PCT	US2004/021998		PCT Article 19 Amendment
WDB RS		1/10/2005	1/10/2005	W9530-02	Europe	02754793.4		Response
WDB RS		1/10/2005	1/10/2005	W9518-01	Czech Republic	PV4656-99		Printing Fees
WDB RS		1/20/2005	1/20/2005		Europe	1314695		Mitsubishi Chemical Corporation (Patent Watch) - Response

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
CAC	BJA	1/21/2005	1/21/2005	W9625-01	PCT	US03/33477		Reminder for IPER & Written Opinion
LLB								
WDB		1/22/2005	1/22/2005	W9547-01	South Korea	10-1997-0056780		Response
RS								
RAM	HJT	1/23/2005	1/23/2005	W9448-02	Europe	00986429.9		Response
LLB								
RAM	HJT	1/23/2005	1/23/2005	W9433-02	Europe	00986430.7		Reply to Examination Report
LLB								
CAC		1/27/2005	1/27/2005	W9483-01	Singapore	200201509.7		Copy of Record updated inventorship
DPD								
WDB		1/30/2005	1/30/2005		PCT	GB02/04697		Patent Watch Ineos Silicas Limtied
RS								
WDB		1/30/2005	1/30/2005	W9305-01	Poland	P-334703		Response
RS								
WDB		2/1/2005		W9001-01	Europe	95250209.4		Power of Attorney - AT, Be, CH, ES, IT, NL, & SE
RS								

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB		2/2/2005			Europe	1355856		Rhodia - Watch
RS								
CAC	BJA	2/2/2005	8/2/2005	W9561-02	US	909706		Foreign File
LLB								
CAC	BJA	2/2/2005	8/2/2005	W9634-02	US	909709		Foreign File
LLB								
CAC		2/2/2005	4/2/2005	W9645-01	US	817069		Foreign File
LLB								
OPD								
WDB		2/3/2005		W9665-00			Herrig	Review - inven disclosure
RS								
WDB		2/3/2005		W9682-00			Herrig	Review
RS								
CAC	BJA	2/3/2005	5/3/2005	W9556-03	US	837846	Rudesill	Foreign File
LLB								
CAC		2/3/2005	8/3/2005	W9564-01	PCT	US04/03006		Chapter II National Stage Entry
DPD								

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB		2/5/2005		W9261-01	Thailand	048588		Copy of Corresponding Patent, official actions and Cited References
RS								
WDB		2/5/2005			US	2004/0106180 A1		Patent Watch Reminder
RS								
WDB		2/5/2005			Europe	W02004/0436649A		Patent Watch
RS								
WDB		2/5/2005		W9261-01	Thailand	048588		Amend the Claims
RS								
CAC	BJA	2/3/2003	4/5/2005	W9478-02	US	236267	Reberio	Appeal Brief
DPD								
WDB		2/6/2005			US	2004/0097600		Patent Watch
RS								
WDB		2/6/2005			US	2004/0077768		Patent Watch
RS								
CAC		2/6/2005		W9489-01	India	760/MUMNP/2003		Application Form 1A
DPD								
WDB		2/6/2005		W9352-01	Thailand	082778		Assignment Document
RS								

WDB	2/6/2005	4/6/2005	W9305 06	US	615998	Prior	Office Action
RS							

CAC BJA 2/6/2003 W9478-01 US 649627 Rebaric Recordation of Mobil  
DPD

CAC	2/7/2005	W9484-01	Japan	2001-546840	Assignment - owned by Mobil & Grace
DPD					

WDB	27/2/2005	27/2/2005	Europe	1241132	Degussa AG (Patent Watch) - Response
RS					

WDB 2/7/2005 7/7/2005 W9427-03 US 887376 Foreign File

WDB 2/8/2005 W9495-01 Europe 02794863.7 Copy of International Preliminary Examination Report (IPER)

~~CAC BJA 2/8/2005 3/8/2005 W9517 01 US 901939 Roberio Office Action~~

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB		2/9/2005	2/9/2005	W9552-01	Argentina	P030101926		Priority Application has been Granted

RS

WDB		2/9/2005	3/9/2005	W9646-01	US	114528		Notice of Appeal
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RS

CAC	HJT	2/9/2005	2/9/2005	W9577-01	Argentina	P030104759		Priority Application has been Granted
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LLB

RAM	HJT	2/9/2005	2/9/2005	W9433-02	Russia	2002119424		Response
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LLB

CAC	HJT	2/9/2005	2/9/2005	W9563-01	Argentina	P030104758		Priority Application has been Granted
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LLB

CAC	HJT	2/9/2005	2/9/2005	W9515-01	Argentina	P020101317		Priority Application has been Granted
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LLB

WDB		2/9/2005	2/9/2005	W9413-02	Argentina	P990103352		Priority Application has been Granted
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RS

WDB		2/9/2005	2/9/2005	W9298-01	Argentina	P970102830		Priority Application has been Granted
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RS





ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB		2/10/2005	8/10/2005		Europe	1252095		Possible Opposition
RS								
WDB		2/10/2005			Europe	1171509		Follow up - Opposition
RS								
WDB		2/10/2005		W9495-01	US	929621	Wormsbecher	File a CIP
RS								
WDB		2/10/2005		W9553-02	Russian Federation	200413834		Copy of IPER
RS								
WDB		2/10/2005		W9553-02	Europe	03723769.0		Copy of IPER
RS								
WDB		2/11/2005	2/11/2005	W9643-02	PCT	US04/21998		DEMAND
RS								
WDB		2/12/2005		W9330-02	Poland	P.300823		Power of Attorney
RS								
WDB		2/12/2005	2/12/2005	W9261-01	Germany	19805358.4		Request for Examination
RS								
WDB		2/13/2005	2/13/2005	W9495-01	Canada	2457730		Assignment Document
RS								

ATTY	ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
	CAC	BJA	2/13/2005	2/13/2005	W9494-01	Brazil	PI 0207174-6		Request for Examination
	LLB								

	WDB		2/14/2005				WO 03/055802 A1		Patent Watch
	RS								

	CAC	BJA	2/14/2005	5/14/2005	W9494-03	US	846816		Foreign File
	LLB								

	WDB		2/14/2005				WO 2004/065299		Patent Watch
	RS								

	CAC	BJA	2/14/2005	5/14/2005	W9494-04	US	846818		Foreign File
	LLB								

	WDB		2/14/2005				WO 2004/045504		Patent Watch
	RS								

	CAC	BJA	2/15/2005	4/15/2005	W9634-01	US	824913		Foreign File
	LLB								

	WDB		2/15/2005	6/15/2005	W9628-01	US	579694	Chapman	Filing Regular Application
	RS								

	WDB		2/15/2005	6/15/2005	W9628-01	US	579694		Foreign File
	RS								

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB		2/15/2005	2/15/2005	W9427-01	Europe	99928814.5		Response
RS								

CAC	2/16/2005	3/16/2005	W9570-01	US	801424	Hu	Foreign Filing
DPD							

WDB	2/16/2005	7/16/2005	W9495-02	US	892779	Foreign File
RS						

WDB	2/17/2005	W9539-02	South Africa	2004/8091	Declaration
RS					

WDB	2/17/2005	W9539-02	South Africa	2004/8091	Assignment Document
RS					

WDB	2/17/2005	W9539-02	South Africa	2004/8091	Copy of IPER
RS					

RAM	HJT	2/17/2005	2/17/2005	W9509-02	US	120291	Shih	Issue fee
LLB								

RAM	HJT	2/17/2005	2/17/2005	W9514-02	US	120310	Shih	Issue Fee
LLB								

WDB	2/17/2005	W9539-02	South Africa	2004/8091	Power of Attorney
RS					

ATTY	ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
	WDB		2/17/2005	8/17/2005		Europe	0987219		Possible Opposition
	RS								

WDB	2.17.05	W9530.02	South Africa	2004/0019	WASSIP	
CAC	BJA	2/17/2005	W9440-01	Singapore	200058980-8	Info Discl Statement
LLB						

CAC		2/18/2005	2/18/2005	W9484-01	Australia	21031/01	Order for Acceptance
DPD							

CAC	2.18.05	5.12.05	W9571-01	US	402271	Schrials Offic
WDB	2/18/2005	2/18/2005	W9427-01	China	99810731.X	Certificate Fee and 6th Annuity
RS						

WDB	2/18/2005	2/18/2005	W9425-01	Europe	99920682.4	Oral Proceedings
RS						

WDB	2/19/2005	7/19/2005	W9671-01	US	589074	Foreign File
RS						

CAC	BJA	2/19/2005	2/19/2005	W9494-01	Australia	2002255584	File Normal or Modified Examination
LLB							

CAC	HJT	2/19/2005	6/19/2005	W9577-01	PCT	US03/40322	Chapter II National Stage Entry
LLB							

WDB	2/19/2005	7/19/2005	W9671-01	US	589074	Brems	Filing Regular Application
RS							



ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
CAC	BJA	2/21/2005	4/21/2005	W9625-01	PCT	US03/33477		Chapter II National Stage Entry

LLB

CAC	HJT	2/21/2005	2/21/2005	W9488-01	Europe	02728631.9		Reply to Examination Report
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LLB

CAC	BJA	2/21/2005	4/21/2005	W9556-01	PCT	US03/33478		Chapter II National Stage Entry
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LLB

CAC	BJA	2/21/2005	4/21/2005	W9557-01	PCT	US03/33479		Chapter II National Stage Entry
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LLB

WDB		2/21/2005		W9553-02	India	2974/DELNP/200		Section 8(1) Details
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RS

WDB		2/22/2005	2/22/2005		Europe	0880989		Response
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RS

WDB		2/22/2005		W9540-02	South Africa	2004/8187		Copy of IPER
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RS

WDB		2/22/2005		W9553-02	South Africa	2004/8095		Copy of IPER
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RS

WDB		2/22/2005		W9566-02	South Africa	2004-8094		Copy of IPER
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RS

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB RS		2/22/2005		W9553-02	South Africa	2004/8095		Power of Attorney
WDB RS		2/22/2005		W9566-02	South Africa	2004/8094		Power of Attorney
CAC DPD		2/22/2005		W9484-01	Canada	2392923		Recordation between Grace & Mobil
WDB RS		2/22/2005		W9566-02	South Africa	2004-8094		Declaration
WDB RS		2/22/2005		W9527-01	Turkey	02/2098		Deed of Assignment
WDB RS		2/22/2005		W9553-02	South Africa	2004/8095		Assignment Document
WDB RS		2/22/2005		W9566-02	South Africa	2004/8094		Assignment Document
WDB RS		2/22/2005		W9553-02	South Africa	2004/8095		Declaration
WDB* RS		2/22/2005		W9540-02	South Africa	2004/8187		Declaration

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB RS		2/22/2005		W9540-02	South Africa	2004/8187		Power of Attorney
WDB RS		2/22/2005		W9540-02	South Africa	2004/8187		Assignment Document
WDB RS		2/23/2005		W9527-01	Japan	2001-563431		Deed of Assignment
CAC DPD		2/23/2005	3/23/2005	W9644-01	US	806563		Foreign File
WDB RS		2/23/2005			US			Patent Watch (check status) - Pub. No. US2003/0091411 & US2004/0062701
WDB RS		2/23/2005		W9711-01	US	421608	Anderson	Rec'd Office Action
WDB RS		2/23/2005	2/23/2005	W9498-01	Canada	2458308		Assignment Document
WDB RS		2/23/2005			US	2004/0106180		Patent Watch
CAC DPD	BJA	2/23/2005		W9478-01	India	2002,003/DEL		Share Assignment



ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB	Brinks	2/23/2005	2/23/2005	W9711-01	PCT	US2004/011960		Response to PCT Written Opinion

RS

CAC	BJA	2/24/2005	2/24/2005	W9556-02	US	642924	Yaluris	Issue fee
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LLB

WDB		2/24/2005		W9552-01	South Africa	2004/10373		Copy of IPER
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RS

WDB		2/24/2005		W9552-01	India	3780/DELNP/2004		Power of Authority
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RS

WDB		2/24/2005		W9552-01	India	3780/DELNP/2004		Section 8(1) Details
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RS

WDB		2/24/2005		W9552-01	India	3780/DELNP/2004		Section 8(2) Details
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RS

WDB		2/24/2005		W9552-01	South Africa	2004/10373		Declaration
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RS

WDB		2/24/2005		W9552-01	South Africa	2004/10373		Power of Attorney
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RS

WDB		2/24/2005		W9552-01	South Africa	2004/10373		Assignment Document
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RS



ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB RS		2/27/2005		W9540-02	Poland	P. 372351		Assignment Document
WDB RS		2/27/2005		W9566-02	Poland			Power of Attorney
WDB RS		2/27/2005		W9553-02	Poland			Assignment Document
WDB RS		2/27/2005		W9540-02	Poland	P. 372351		Power of Attorney
WDB RS		2/27/2005	2/27/2005	W9527-01	India	2002,01191/MUM		Request for Examination
WDB RS		2/27/2005		W9539-02	Poland	P. 372376		Power of Attorney
WDB RS		2/28/2005		W9539-02	India	2969/DELNP/2004		Power of Authority
WDB RS		2/28/2005		W9539-02	India	2969/DELNP/2004		Application Form 1A
WDB RS		2/28/2005		W9566-02	India	2967/DELNP/2004		Section 8(2) Details

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB		2/28/2005		W9566-02	India	2967/DELNP/2004		Section 8(1) Details
RS								
WDB		2/28/2005		W9539-02	India	2969/DELNP/2004		Section 8(1) Details
RS								
WDB		2/28/2005		W9539-02	India	2969/DELNP/2004		Section 8(2) Details
RS								
WDB		2/28/2005		W9566-02	India	2967/DELNP/2004		Power of Authority
RS								
WDB		2/28/2005		W9540-02	India	2973/DELNP/2004		Section 8(2) Details
RS								
WDB		2/28/2005		W9543-01	India	1914/DELNP/2004		Section 8 (1) Details
RS								
WDB		2/28/2005		W9543-01	India	1914/DELNP/2004		Power of Authority
RS								
WDB	Brinks	2/28/2005	2/28/2005	W9719-02	Europe	00122480.7		Two Mth Ext -Response
RS								
WDB		2/28/2005		W9540-02	India	2973/DELNP/2004		Section 8(1) Details
RS								

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB RS		2/28/2005		W9566-02	India	2967/DELNP/2004		Application Form 1A
WDB RS		2/28/2005		W9695-00				Discussion to File
CAC DPD	BJA	2/28/2005		W9517-01	Colombia	04001078		IPER and Annexes (if any)
WDB RS		2/28/2005	2/28/2005	W9495-01	Croatia	P20040148		Request for Examination
WDB RS		2/28/2005		W9543-01	India	1914/DELNP/2004		Section 8 (2) Details
WDB RS		2/28/2005		W9675-01	US	640693	Hoefer	Power of Attorney
WDB RS		2/28/2005		W9540-02	India	2973/DELNP/2004		Power of Authority
WDB RS		2/28/2005		W9540-02	India	2973/DELNP/2004		Application Form 1A
CAC LLB	BJA	2/28/2005	5/30/2005	W9556-03	US	837846	Yaluris	Office Action

ATTY	ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB	RS		2/28/2005		W9675-01	US		Hoefel	Declaration
WDB	RS		2/28/2005		W9675-01	US	640693	Hoefel	Assignment Document
WDB	RS		2/28/2005						Inventors; Compensation for 2004
WDB	RS		2/28/2005	2/28/2005	W9528-01	Hungary	P0204138		Request for Examination
CAC	BJA	2/28/2005	2/28/2005		W9440-01	Australia	32474/00		Request for Examination
LLB	WDB	3-3-05	3-3-05		W9447-02	Europe	99970677.3		Response
LLB	WDB	3-1-05	3-1-05		W9552-01	Chile	1090-2003		Pay exemption
CAC	BJA	2/28/2005	2/28/2005		W9440-01	South Korea	2000-7012173		Request for Examination
LLB	WDB	3-2-05	3-3-05		W9441-01	Europe	99942505.5		Request for Examination
LLB	WDB	3-1-05			W9441-01	Europe	95200209.4		Request for Examination
CAC	BJA	3/1/2005			W9557-02	US	632044	Yaluris	Inventor Award
LLB	WDB	3-2-05				Europe	1355856		Response
CAC	BJA	3-2-05	8-2-05		W95501-02	US	909706		FF
CAC	DPD	3/5/2005	3/5/2005		W9401-01	Europe	99930212.8		Response
EAC	BJA	3-2-05	8-2-05		W9634-02	US	909709		FF
CAC		3-2-05	4-2-05		W9615-01	US	817069		FF
WLB	HJT	3/6/2005	3/6/2005		W8797-02	Europe	96942911.7		Response to Examination Report
LLB	WDB	3-3-05			W9665-00			Herry	Review - inventors disclosure
CAC	BJA	3-3-05	5-3-05		W9556-03	US	837846	Pholesill	FF
					W9564-01	Per	1504105006		Chetron

[illegible]

ATTY	ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
	CAC	BJA	3/16/2005	3/16/2005	W9453-03	US	013708	Chester	Info Discl Statement
	DPD				<del>W9453-03</del>	<del>Canada</del>	<del>02123769.5</del>		<del>Info Discl Statement</del>
	WD3		3-10-05						
	WD3		3-12-05		W9530-02	Poland	P.366325		Info Discl Statement
	CAC	BJA	3/16/2005	3/16/2005	W9463-03	US	013481	Cheng	Info Discl Statement
	DPD						W0 031055902A1		Water
	WD3		3-14-05						FF
	CAC	BJA	3-14-05	5-14-05	W9494-03	US	846816		File Normal or Modified Examination
	CAC		3/16/2005	3/16/2005	W9489-01	Australia	2002244121		IDS
	DPD				W8505-08	US	015912	Petrus	IDS
	CAC	BJA	3-17-05	3-17-05					Water
	WD3		3-14-05				W02004065299		Request for Examination
	WDB		3/19/2005	3/19/2005	W9539-02	China	03811482.8		FF
	RS						846818		Water
	CAC	BJA	3-14-05	5-14-05	W9494-04	US			Request for Examination
	WD3		3-14-05				W020041045504		FF
	WDB		3/19/2005	3/19/2005	W9553-02	China	03811484.4		File Reg Book
	RS						824913		Request for Examination
	CAC	BJA	3-15-05	4-15-05	W9634-01	US	519694	Cheng	FF
	WD3		3-15-05	6-15-05	W9628-01	US			Reminder for IPER & Written Opinion
	WDB		3/19/2005	3/19/2005	W9540-02	China	03811439.9		
	RS						519694		
	WD3		3-15-05	6-15-05	W9623-01	US			
	CAC	HJT	3/19/2005	3/19/2005	W9577-01	PCT	US03/40322		Reminder for IPER & Written Opinion
	LLB								
	CAC	HJT	3/19/2005	3/19/2005	W9563-01	PCT	US03/39368		Reminder for IPER & Written Opinion
	LLB								



ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
CAC		3/20/2005	3/20/2005	W9571-01	PCT	US2004/009850		Response to PCT Written Opinion
DPD								
RAM HTS	3-23-05	3-23-05		W9433-02	Europe	0986430.7		Amend Appln
CAC BSA	3-24-05	3-24-05		W9517-01	China	02817678.2		
WLB	HJT	3/25/2005	3/25/2005	W8797-02	Chile	2240-96		Response
LLB								
WDB		3-25-05	6-25-05	W9675-01	VS	1240693	Italer	missing parts
CAC	HJT	3/27/2005	3/27/2005	W9488-01	Indonesia	W-00200301992		Request for Examination
LLB								
CAC	HJT	3/27/2005	3/27/2005	W9515-01	Indonesia	W-00200301991		Request for Examination
LLB								
CAC	HJT	3/28/2005	3/28/2005	W9515-01	US	833603	Cheng	Issue fee
LLB								
CAC BSA	3-28-05	3-28-05		W9464-02	US	462452	Cheng	Issue fee
CAC	HJT	3/28/2005	3/28/2005	W9479-01	Czech Republic	PV2003-2731		Request for Examination
LLB								
WDB		3/30/2005	3/30/2005	W9553-02	US	391287	Frugé	Issue fee
RS								
WDB		3/30/2005	3/30/2005	W9566-02	US	391270	Frugé	Issue fee
RS								
WDB		3-30-05	3-30-05	W9305-01	Poland	P-334703		Response
RAM	HLC	3/30/2005	3/30/2005	W9568-01	US	120331	Shih	Issue fee
LLB								

ATTY	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
ASST								Rec'd Office Action
WDB		4/1/2005		W9721-10	US	427812		
RS								
WDB		4.3.05	4.3.05	W9241-01	Hungary	P0100974	Printed Grant fees	
CAC		4/7/2005	10/7/2005	W9571-01	PCT	US04/09850		Chapter II National Stage Entry
DPD								
WDB		4/8/2005	4/8/2005	W9298-01	Canada	2258881		Response
RS								
WDB		4/11/2005	4/11/2005	W9465-01	South Korea	2001-7013004		Request for Examination
RS								
CAC	Finneg	4/11/2005	10/11/2005	W9637-01	PCT	US03/14635		Chapter II National Stage Entry
DPD								
RAM		4/13/2005	4/13/2005	W9433-02	India	2002,00798/MUM		Order for Acceptance
LLB								
WDB		4.13.05	4.13.05	W9527-01	Europe	01933658.5	Response	
WDB		4.13.05	4.13.05	W9539-02	US	391286	frug use fee	
WDB	Brinks	4/14/2005	4/14/2005	W9719-02	Canada	2323287		Issue fee
RS								
WDB		4/16/2005	4/16/2005	W9429-02	Germany	19826209.4		Response
RS								
WDB		4/17/2005	4/17/2005	W9566-02	China	03811438.0		Request for Examination
RS								

ATTY							ACTION TYPE
ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR
WDB		4/18/2005	4/18/2005	W9447-03	Malaysia	PI20011852	Modified Examination
RS							
WDB		4/20/2005	4/20/2005	W9425-01	Germany	19817257.5	Response
RS							
WDB		4/23/2005	10/23/2005	W9711-01	PCT	US04/11960	Chapter II National Stage Entry
RS							
WDB		4/28/2005	4/25/2005	W9557-01	Turkey	02/2098	Foreign File
LLB							
CAC	BJA	5/2/2005	11/2/2005	W9558-01	US	624492	Filing Regular Application
LLB							
CAC	BJA	5/3/2005	5/3/2005	W7860-01	Canada	2111399	Response
DPD							
CAC		5/3/2005	5/3/2005	W8240-01	Canada	2111400	Response
DPD							
CAC		5/4/2005	5/4/2005	W8241-01	Canada	2111398	Response
DPD							
CAC		5/5/2005	11/5/2005	W9680-01	US	625544	Filing Regular Application
DPD							

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
RAM LLB	HJT	6/6/2005	6/6/2005	W9482-01	Australia	2002245309		Search Results
WDB RS	Brinks	6/6/2005	6/6/2005	W9709-01	PCT	US04/37112		DEMAND
CAC LLB	BJA	6/6/2005	6/6/2005	W9561-02	PCT	US04/36642		DEMAND
WDB RS		6/7/2005	6/7/2005	W9425-01	Malaysia	PI 9901501		Response to Examination Report
WDB RS		6/9/2005	6/9/2005	W9526-01	Australia	2002238441		Search Results
WDB RS		6/12/2005	6/12/2005	W9429-01	Germany	19815564.6		Response
CAC DPD	BJA	6/16/2005	12/16/2005	W9463-03	US	013481		Foreign File
WDB RS		6/16/2005	6/16/2005	W9443-02	India	2001,00089/MUM		Order for Acceptance
CAC DPD	BJA	6/16/2005	12/16/2005	W9453-03	US	013708		Foreign File

CAC BJA 6.17.05 12.17.05 W8505-08 US 015918 Petrs ff

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WLB LLB	HJT	6/18/2005	6/18/2005	W8797-02	India	2785/DEL/96		Order for Acceptance
WDB RS		6/19/2005	6/19/2005	W9566-02	Europe	03714239.5		File in Hong Kong
RAM LLB	HLC	6/20/2005	6/20/2005	W9652-02	PCT	US04/38529		DEMAND
WDB RS		6/22/2005	6/22/2005	W9298-02	Japan	508696/99		Request for Examination
WDB RS		6/25/2005	6/25/2005	W9261-01	Germany	19805358.4		Office Action
WDB RS		6/28/2005	6/28/2005	W9530-02	Brazil	PI0210819-4		Request for Examination
WDB RS		6/28/2005	6/28/2005	W9530-02	Japan	510733/03		Request for Examination
WDB RS		6/30/2005	12/30/2005	W9675-01	US	640693	Fritz	Filing Regular Application
WDB RS		6/30/2005	12/30/2005	W9675-01	US	640693	Fritz	Foreign File

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB RS		6/30/2005	6/30/2005	W9530-02	Argentina	P020102498		Request for Examination
WDB RS		6/30/2005	6/30/2005	W9543-01	Canada	2472147		Assignment Document
WDB RS		7/4/2005	7/4/2005	W9530-02	Malaysia	PI20022540		Full Examination
CAC LLB	BJA	7/6/2005	7/6/2005	W9561-02	PCT	US04/36642		CHAPTER 1 NATIONAL STAGE ENTRY
WDB RS	Brinks	7/6/2005	7/6/2005	W9709-01	PCT	US04/37112		CHAPTER 1 NATIONAL STAGE ENTRY
CAC DPD		7/7/2005	7/7/2005	W9571-01	PCT	US04/09850		Reminder for IPER & Written Opinion
CAC LLB	BJA	7/8/2005	7/8/2005	W9440-01	India	2000,00549/MUM		Order for Acceptance
CAC DPD	BJA	7/8/2005	7/8/2005	W9517-01	Indonesia	W-00 2004 00045		Request for Examination
CAC DPD	BJA	7/9/2005	7/9/2005	W9517-01	Brazil	PI0210972-7		Request for Examination

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
CAC	BJA	7/9/2005	7/9/2005	W9517-01	Japan	512337/03		Request for Examination
DPD								

CAC		7/11/2005	7/11/2005	W9637-01	PCT	US03/14635		Reminder for IPER & Written Opinion
DPD								

WDB		7/11/2005	1/11/2006	W9643-02	PCT	US04/21998		Chapter II National Stage Entry
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WDB 7-19-05 W9539-02 Australia 203220419 Search Results  
WDB 7-19-05 W9533-02 Australia 203232079 Search Results

RAM	HLC	7/20/2005	7/20/2005	W9652-02	PCT	US04/38529		CHAPTER I NATIONAL STAGE ENTRY
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LLB  
CAC HST 7-21-05 7-21-05 W9323-01 Australia 2002258677

File nrrd n mod. exam.  
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CAC HST 7-21-05 7-21-05 W9479-01 Australia 2002254479

WDB		7/23/2005	7/23/2005	W9711-01	PCT	US04/11960		Reminder for IPER & Written Opinion
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RS  
CAC HST 7-21-05 7-21-05 W9555-01 Australia 2002258676 File nrrd n mod. exam

CAC HST 7-21-05 7-21-05 W9422-01 Australia 2002258675

CAC		7/25/2005	7/25/2005	W9446-01	Canada	2379960		Request for Examination
DPD								

WDB		8-9-05	8-9-05	W9633-02	Pct	US05/00461		Remand
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WDB		8/12/2005	8/12/2005	W9495-01	Japan	520463/03		Request for Examination
RS								

WDB		8/12/2005	8/12/2005	W9495-01	Brazil	PI0211927-7		Request for Examination
RS								





ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
CAC DPD WD3		9/20/2005	9/20/2005	W9483-01	Canada	2384030		Request for Examination
		9.23.05	9.23.05	W9528-01	Turkey	021235		early request
WDB RS		10/2/2005	10/2/2005	W9427-01	Thailand	051514		Substantive Examination
WDB RS		10/5/2005	10/5/2005	W9543-01	New Zealand	533911		Date Formal Request for Entry into National Phase to be Filed
WDB RS		10/11/2005	10/11/2005	W9643-02	PCT	US04/21998		Reminder for IPER & Written Opinion
CAC LLB	HJT	10/13/2005	10/13/2005	W9515-01	Singapore	200305994-6		Grant fees
CAC LLB	HJT	10/13/2005	10/13/2005	W9479-01	Singapore	200305859-1		Grant Fees
CAC LLB	HJT	10/13/2005	10/13/2005	W9488-01	Singapore	200305993-8		Grant fees
CAC LLB	HJT	10/13/2005	10/13/2005	W9323-01	Singapore	200305913-6		Grant fees

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
RAM LLB	HJT	10/19/2005	10/19/2005	W9459-01	South Korea	2002-7005582		Request for Examination
WDB RS		11/29/2005	11/29/2005	W9552-01	Canada			Assignment Document
WDB RS	Brinks	12/6/2005	5/6/2006	W9709-01	PCT	US04/37112		Chapter II National Stage Entry
CAC LLB	BJA	12/6/2005	5/6/2006	W9561-02	PCT	US04/36642		Chapter II National Stage Entry
CAC DPD		12/15/2005	12/15/2005	W9484-01	Australia	21031/01		Request for Examination
CAC DPD		12/15/2005	12/15/2005	W9484-01	Canada	2392923		Request for Examination
RAM LLB		12/18/2005	12/18/2005	W9448-02	South Korea	2002-7008050		Request for Examination
RAM LLB		12/18/2005	12/18/2005	W9433-02	South Korea	2002-7008118		Request for Examination
RAM LLB	HLC	12/20/2005	5/20/2006	W9652-02	PCT	US04/38529		Chapter II National Stage Entry

ATTY	ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
	WDB		12/20/2005	12/20/2005	W9543-01	Japan	556164/03		Request for Examination
	RS								
	WDB		12/20/2005	12/20/2005	W9543-01	Russian Federation	2004123633		Request for Examination
	RS								
	WDB		12/20/2005	12/20/2005	W9543-01	Brazil	PI0215442-0		Request for Examination
	RS								
	WD3		1223-05		W9552-01	Australia	2003237667		Sarah Reutts
	CAC		1/2/2006	1/2/2012					Annual Aquamend Royalty Due
	DPD								
	WD3		1-9-06	7-9-06	W9633-02	Pct	US05/00461		Chapter 2
	CAC	BJA	1/10/2006	1/10/2006	W9517-01	Singapore	200400005-5		Grant fees
	DPD								
	WDB		1/18/2006	1/18/2006	W9413-02	Thailand	051565		Substantive Examination
	RS								
	WDB		2/3/2006	2/3/2006	W9261-01	Japan	531497/00		Request for Examination
	RS								
	WDB	Brinks	2/6/2006	2/6/2006	W9709-01	PCT	US04/37112		Reminder for IPER & Written Opinion
	RS								

ATTY ASST.	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
CAC LLB	BJA	2/6/2006	2/6/2006	W9561-02	PCT	US04/36642		Reminder for IPER & Written Opinion
RAM LLB		2/11/2006	2/11/2006	W9391-01	Japan	2000-533469		Request for Examination
CAC LLB	BJA	2/13/2006	2/13/2006	W9494-01	India	746/MUMNP/2003		Request for Examination
CAC DPD		2/20/2006	2/20/2006	W9489-01	India	760/MUMNP/2003		Request for Examination
RAM LLB	HLC	2/20/2006	2/20/2006	W9652-02	PCT	US04/38529		Reminder for IPER & Written Opinion
WDB RS		2/27/2006	2/27/2006	W9527-01	Canada	2401841		Request for Examination
WDB RS		2/27/2006	2/27/2006	W9527-01	South Korea	2002-7011548		Request for Examination
WDB RS		3/6/2006	3/6/2006	W9425-01	Thailand	049928		Substantive Examination
WDB RS		3/13/2006	3/13/2006	W9540-02	Taiwan	92105498		Substantive Examination

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB RS		3/13/2006	3/13/2006	W9553-02	Taiwan	92105499		Substantive Examination
WDB RS		3/18/2006	3/18/2006	W9566-02	Argentina	P030100963		Request for Examination
WDB RS		3/18/2006	3/18/2006	W9539-02	Argentina	P030100964		Request for Examination
WDB RS		3/18/2006	3/18/2006	W9539-02	Taiwan	92105923		Substantive Examination
WDB RS		3/18/2006	3/18/2006	W9553-02	Argentina	P030100966		Request for Examination
WDB RS		3/18/2006	3/18/2006	W9540-02	Argentina	P030100965		Request for Examination
WDB RS		3/19/2006	3/19/2006	W9540-02	Russian Federation	2004130836		Request for Examination
WDB RS		3/19/2006	3/19/2006	W9566-02	Brazil	PI0308561-9		Request for Examination
WDB RS		3/19/2006	3/19/2006	W9540-02	Japan	578154/03		Request for Examination

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB RS		3/19/2006	3/19/2006	W9566-02	Japan	585981/03		Request for Examination
WDB RS		3/19/2006	3/19/2006	W9566-02	Russian Federation	2004133559		Request for Examination
WDB RS		3/19/2006	3/19/2006	W9553-02	Brazil	PI0308557-0		Request for Examination
WDB RS		3/19/2006	3/19/2006	W9539-02	Brazil	PI0308558-9		Request for Examination
WDB RS		3/19/2006	3/19/2006	W9553-02	Japan	578471/03		Request for Examination
WDB RS		3/19/2006	3/19/2006	W9539-02	Russian Federation	2004130835		Request for Examination
WDB RS		3/19/2006	3/19/2006	W9540-02	Brazil	PI0308560-0		Request for Examination
WDB RS		3/19/2006	3/19/2006	W9539-02	Japan	578155/03		Request for Examination
WDB RS		3/19/2006	3/19/2006	W9553-02	Russian Federation	2004130834		Request for Examination

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
CAC	HJT	3/28/2006	3/28/2006	W9479-01	India	761/MUMNP/2003		Request for Examination
LLB								

CAC	HJT	3/28/2006	3/28/2006	W9515-01	India	832/MUMNP/2003	Request for Examination
LLB							

CAC	HJT	3/28/2006	3/28/2006	W9323-01	India	770/MUMNP/2003	Request for Examination
LLB							

CAC	HJT	3/28/2006	3/28/2006	W9488-01	India	829/MUMNP/2003	Request for Examination
LLB							

WDB	3/31/2006	3/31/2006	W9429-01	Japan	2000-540923	Request for Examination
RS						

WD3	4.9.06	4.9.06	W9633.02	Pct	US05/00461	Remarks 1 Per 1 w
WDB	4/10/2006	4/10/2006	W9566-02	Taiwan	92108242	Substantive Examination
RS						

WDB	4/11/2006	4/11/2006	W9447-03	South Korea	2020-7013988	Request for Examination
RS						

WDB	4/11/2006	4/11/2006	W9447-03	Canada	2406958	Request for Examination
RS						

WDB	4/16/2006	4/16/2006	W9425-01	Japan	2000-544734	Request for Examination
RS						

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB RS	Brinks	5/4/2006	5/4/2006	W9718-01	Japan	2000-546862		Request for Examination
WDB RS		5/23/2006	5/23/2006	W9552-01	Brazil	PI0311481.3		Request for Examination
WDB RS		5/23/2006	5/23/2006	W9552-01	Japan	509735/04		Request for Examination
WDB RS		5/28/2006	5/28/2006	W9552-01	Taiwan	92114383		Request for Examination
WDB RS		5/28/2006	5/28/2006	W9460-01	Germany	19924453.7		Request for Examination
WDB RS		5/29/2006	5/29/2006	W9552-01	Argentina	P030101926		Request for Examination
CAC DPD		6/10/2006	6/10/2006	W9401-01	Japan	2000-558193		Request for Examination
WDB RS		6/22/2006	6/22/2006	W9427-01	Turkey	2001/17		Request for Examination
WDB RS		6/22/2006	6/22/2006	W9427-01	Japan	2000-558981		Request for Examination



ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB RS		6/28/2006	6/28/2006	W9530-02	India	0012/DELNP/2004		Request for Examination
WDB RS		7/4/2006	7/4/2006	W9530-02	Malaysia	PI20022540		Modified Examination
WDB RS		7/7/2006	7/7/2006	W9413-02	Japan	2000-559049		Request for Examination
WDB RS		7/7/2006	7/7/2006	W9413-02	Turkey	2001/18		Request for Examination
WDB RS		7/8/2006	7/8/2006	W9443-02	Japan	2000-558983		Request for Examination
CAC DPD	BJA	7/9/2006	7/9/2006	W9517-01	India	00011/MUMNP/200		Request for Examination
CAC DPD	BJA	7/12/2006	7/12/2006	W9393-01	Japan	2000-562135		Request for Examination
WDB RS		7/15/2006	7/15/2006	W9643-02	Malaysia	PI20042824		Request for Examination
CAC DPD	Mobil	7/22/2006	7/22/2006	W9435-01	Japan	2000-562334		Request for Examination

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
RAM LLB		8/9/2006	8/9/2006	W9655-01	Japan	2000-563704		Request for Examination
WDB RS		8/12/2006	8/12/2006	W9495-01	India	00343/DELNP2004		Request for Examination
WDB RS		9/19/2006	9/19/2006	W9539-02	Singapore	200405220-5		Grant fees
WDB RS		9/19/2006	9/19/2006	W9553-02	Singapore	200405222.1		Grant fees
WDB RS		9/19/2006	9/19/2006	W9540-02	Singapore	200405219-7		Grant fees
RAM LLB	HJT	10/1/2006	10/1/2006	W9441-01	Japan	2000-574578		Request for Examination
WDB RS		10/17/2006	10/17/2006	W9566-02	Singapore	200405221-3		Grant fees
CAC LLB	BJA	10/20/2006	10/20/2006	W9625-01	Taiwan	92129003		Substantive Examination
CAC LLB	BJA	10/20/2006	10/20/2006	W9556-01	Taiwan	92129006		Substantive Examination

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
CAC LLB	BJA	10/20/2006	10/20/2006	W9557-01	Taiwan	92129005		Substantive Examination
WDB RS		10/21/2006	10/21/2006	W9447-02	Japan	577250/00		Request for Examination
WDB RS		12/14/2006	12/14/2006	W9526-01	Canada	2436690		Request for Examination
CAC LLB	HJT	12/18/2006	12/18/2006	W9563-01	Taiwan	92135939		Request for Examination
CAC LLB	HJT	12/18/2006	12/18/2006	W9563-01	Argentina	P030104758		Substantive Examination
CAC LLB	HJT	12/18/2006	12/18/2006	W9577-01	Argentina	P030104759		Substantive Examination
WDB RS		12/20/2006	12/20/2006	W9543-01	India	1914/DELNP/2004		Request for Examination
RAM LLB		12/20/2006	12/20/2006	W9408-01	Japan	589280/00		Request for Examination
WDB RS		12/22/2006	12/22/2006	W9413-02	Turkey	01/18		Patent to Use

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
CAC DPD	BJA	12/23/2006	12/23/2006	W9463-02	Germany	19962669.3		Request for Examination
CAC DPD		1/23/2007	1/23/2007	W9483-01	Thailand	060560		Substantive Examination
RAM LLB	HJT	1/25/2007	1/25/2007	W9482-01	Canada	2473739		Request for Examination
CAC DPD		2/2/2007	2/2/2007	W9564-01	Taiwan	93102285		Request for Examination
CAC LLB	BJA	2/13/2007	2/13/2007	W9494-01	Australia	2002255584		Request for Examination
CAC LLB	BJA	2/13/2007	2/13/2007	W9494-01	Canada	2438700		Request for Examination
CAC LLB	BJA	2/13/2007	2/13/2007	W9494-01	South Korea	2003-701695		Request for Examination
CAC DPD		2/20/2007	2/20/2007	W9489-01	Australia	2002244121		Request for Examination
CAC DPD		2/20/2007	2/20/2007	W9489-01	Canada	2440083		Request for Examination

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
CAC LLB	BJA	2/28/2007	2/28/2007	W9440-01	Japan	2000-602390		Request for Examination
WDB RS		3/19/2007	3/19/2007	W9540-02	India			Request for Examination
WDB RS		3/19/2007	3/19/2007	W9566-02	India			Request for Examination
WDB RS		3/19/2007	3/19/2007	W9539-02	India			Request for Examination
WDB RS		3/19/2007	3/19/2004	W9553-02	India			Request for Examination
CAC LLB	HJT	3/28/2007	3/28/2007	W9488-01	Australia	2002258675		Request for Examination
CAC LLB	HJT	3/28/2007	3/28/2007	W9479-01	Canada	2444461		Request for Examination
CAC LLB	HJT	3/28/2007	3/28/2007	W9323-01	Canada	2444393		Request for Examination
CAC LLB	HJT	3/28/2007	3/28/2007	W9479-01	South Korea	2003-7013390		Request for Examination

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
CAC LLB	HJT	3/28/2007	3/28/2007	W9515-01	Australia	2002258676		Request for Examination
CAC LLB	HJT	3/28/2007	3/28/2007	W9479-01	Australia	2002254479		Request for Examination
CAC LLB	HJT	3/28/2007	3/28/2007	W9323-01	Australia	2002258677		Request for Examination
CAC LLB	HJT	3/28/2007	3/28/2007	W9515-01	South Korea	2003-7013418		Request for Examination
CAC LLB	HJT	3/28/2007	3/28/2007	W9323-01	South Korea	2003-7013416		Request for Examination
CAC LLB	HJT	3/28/2007	3/28/2007	W9488-01	South Korea	2003-7013201		Request for Examination
CAC LLB	HJT	3/28/2007	3/28/2007	W9488-01	Canada	2443898		Request for Examination
CAC LLB	HJT	3/28/2007	3/28/2007	W9515-01	Canada	2444488		Request for Examination
CAC DPD		4/7/2007	4/7/2007	W9571-01	Argentina	P040101201		Request for Examination

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
CAC DPD		4/7/2007	4/7/2007	W9571-01	Taiwan	93109348		Request for Examination
CAC DPD		4/9/2007	4/9/2007	W9637-01	Taiwan	93110063		Request for Examination
RAM LLB	HLC	4/10/2007	4/10/2007	W9513-02	South Korea	2003-7014216		Request for Examination
RAM LLB	HLC	4/10/2007	4/10/2007	W9568-01	South Korea	2003-7014217		Request for Examination
RAM LLB	HJT	4/10/2007	4/10/2007	W9520-02	South Korea	2003-7041209		Request for Examination
RAM LLB	HJT	4/10/2007	4/10/2007	W9514-02	South Korea	2003-7014210		Request for Examination
WDB RS		4/11/2007	4/11/2003	W9465-01	Japan	2001-509424		Request for Examination
CAC DPD		4/11/2007	4/11/2007	W9637-01	Argentina	P040101217		Request for Examination
CAC DPD		5/4/2007	5/4/2007	W9436-01	Japan	616922/00		Request for Examination

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB RS		5/23/2007	5/23/2007	W9552-01	India	3780/DELNP/2004		Request for Examination
WDB RS		6/28/2007	6/28/2007	W9530-02	South Korea	2004-7000119		Request for Examination
WDB RS		6/28/2007	6/28/2007	W9530-02	Australia	2002321144		Request for Examination
CAC DPD	BJA	7/9/2007		W9517-01	Australia	2002354582		Request for Examination
WDB RS		7/9/2007	7/9/2007	W9643-02	Taiwan	93120616		Substantive Examination
CAC DPD	BJA	7/9/2007	7/9/2007	W9517-01	Canada	2452434		Request for Examination
CAC DPD	BJA	7/9/2007	7/9/2007	W9517-01	South Korea	2004-7000392		Request for Examination
WDB RS		7/19/2007	7/19/2007	W9528-01	Turkey	02/235		Request for Examination
WDB RS		8/12/2007	8/12/2007	W9495-01	Canada	2457730		Request for Examination



ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB RS		8/12/2007	8/12/2007	W9495-01	Australia	2002355940		Request for Examination
WDB RS		8/12/2007	8/12/2007	W9495-01	South Korea	2004-7002162		Request for Examination
WDB RS		8/20/2007	8/20/2007	W9498-01	Canada	2458308		Request for Examination
CAC DPD	BJA	9/18/2007	9/18/2007	W9478-01	Japan	525295/01		Request for Examination
CAC DPD		9/20/2007	9/20/2007	W9483-01	Japan	2001-525296		Request for Examination
WDB RS	Brinks	10/13/2007	10/13/2007	W9719-02	Japan	2000-351939		Request for Examination
RAM LLB		10/19/2007	10/19/2007	W9461-01	Japan	535420/01		Request for Examination
RAM LLB		10/19/2007	10/19/2007	W9475-01	Japan	535419/01		Request for Examination
RAM LLB	HJT	10/19/2007	10/19/2007	W9459-01	Japan	535421/01		Request for Examination

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
CAC DPD		12/15/2007	12/15/2007	W9484-01	Japan	2001-546840		Request for Examination
RAM LLB		12/18/2007	12/18/2007	W9433-02	Japan	546775/01		Request for Examination
RAM LLB		12/18/2007	12/18/2007	W9448-02	Japan	546774/01		Request for Examination
WDB RS		12/20/2007	12/20/2007	W9543-01	Australia	2002361196		Request for Examination
WDB RS		12/20/2007	12/20/2007	W9543-01	Canada	2472147		Request for Examination
WDB RS		12/20/2007	12/20/2007	W9543-01	South Korea	2004-7010426		Request for Examination
WDB RS		2/27/2008	2/27/2008	W9527-01	Turkey	02/2098		Request for Examination
WDB RS		2/27/2008	2/27/2008	W9527-01	Japan	2001-563431		Request for Examination
WDB RS		3/19/2008	3/19/2008	W9553-02	South Korea	2004-7014850		Request for Examination

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB RS		3/19/2008	3/19/2008	W9553-02	Australia	2003230679		Request for Examination
WDB RS		3/19/2008	3/19/2008	W9539-02	Australia	2003220419		Request for Examination
WDB RS		3/19/2008	3/19/2008	W9540-02	Canada	2479692		Request for Examination
WDB RS		3/19/2008	3/19/2008	W9566-02	Australia			Request for Examination
WDB RS		3/19/2008	3/19/2008	W9540-02	South Korea	2004-7014808		Request for Examination
WDB RS		3/19/2008	3/19/2008	W9540-02	Australia			Request for Examination
WDB RS		3/19/2008	3/19/2008	W9539-02	South Korea	2004-7014807		Request for Examination
WDB RS		3/19/2008	3/19/2008	W9566-02	South Korea	2004-7014821		Request for Examination
WDB RS		4/11/2008	4/11/2008	W9447-03	Japan	2001-578567		Request for Examination

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB RS		5/23/2008	5/23/2008	W9552-01	Canada			Request for Examination
WDB RS		5/23/2008	5/23/2008	W9552-01	Australia	2003237667		Request for Examination
WDB RS		5/23/2008	5/23/2008	W9552-01	South Korea	2004-7019495		Request for Examination
WDB RS		6/20/2008	6/20/2008	W-9543-01	Australia	2002361196		Search Results
WDB RS		8/22/2008	8/22/2008	W9498-01	Germany	10141020.4		Request for Examination
WDB RS		5/9/2009	5/9/2009	W9539-02	Thailand	080959		Request for Examination
WDB RS		5/9/2009	5/9/2009	W9553-02	Thailand	080961		Request for Examination
WDB RS		5/9/2009	5/9/2009	W9530-02	Thailand	074939		Request for Examination
WDB RS		7/8/2009	7/8/2009	W9566-02	Thailand	081682		Request for Examination

ATTY								
ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB		7/18/2009	7/18/2009	W9552-01	Thailand	082778		Request for Examination
RS								

~~ATTACHMENT D~~  
~~U.S. Ser. No. 10/633509~~  
**ATTACHMENT E**  
**U.S. Ser. No. 10/633509**  
**Patition**

## ALL ATTORNEY'S US AND FOREIGN DOCKET

16-Feb-05

ATTY	ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
	WDB		8/23/2003	8/23/2003	W9552-01	US		Fletcher	Info Discl Statement
RS									
	CAC	HJT	11/10/2003	11/10/2003	W9488-01	Indonesia	W-00200301992		Copy of International Preliminary Examination Report (PCT/IPEA/416 and 409)
LLB									
	CAC	BJA	2/9/2004	2/9/2004	W9517-01	Indonesia	W-00 2004 00045		Copy of International Preliminary Examination Reprot (PCT/IPEA/416 & 409)
DPD									
	WDB		8/31/2004	8/31/2004	W9552-01	PCT	EP03/05413		Reminder for IPER & Written Opinion
RS									
	WDB		1/4/2005	1/4/2005	W9498-01	Europe	02796248.9		Response
RS									
	WDB		1/10/2005	1/10/2005	W9518-01	Czech Republic	PV4656-99		Printing Fees
RS									
	WDB		1/20/2005	1/20/2005		Europe	1314095		Mitsubishi Chemical Corporation (Patent Watch) - Response
RS									

ATTY	ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
	CAC	BJA	1/21/2005	1/21/2005	W9625-01	PCT	US03/33477		Reminder for IPER & Written Opinion
LLB									
	WDB		1/22/2005	1/22/2005	W9547-01	South Korea	10-1997-0056780		Response
RS									
	RAM	HJT	1/23/2005	1/23/2005	W9448-02	Europe	00980429.9		Response
LLB									
	WDB		1/30/2005	1/30/2005		PCT	GB02/04697		Patent Watch Ineos Silicas Limited
RS									
	WDB		2/7/2005	2/7/2005		Europe	1241132		Degussa AG (Patent Watch) - Response
RS									
	WDB		2/9/2005	2/9/2005	W9298-01	Norway	19980140		Response
RS									
	WDB		2/13/2005	2/13/2005	W9427-01	Europe	99928814.3		Response
RS									
	WDB		2/16/2005	2/16/2005	W9495-02	US	892779		Foreign File
RS									
	CAC		2/16/2005	2/16/2005	W9570-01	US	801424	Hu	Foreign Filing
DPD									

ATTY	ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
	WDB		2/17/2005		W9539-02	South Africa	2004/8091		Assignment Document
	RS								
	WDB		2/17/2005	2/17/2005	W9553-02	Europe	03723709.0		Amend Claims
	RS								
	RAM	HJT	2/17/2005	2/17/2005	W9509-02	US	120291	Shih	Issue fee
	LLB								
	WDB		2/17/2005		W9530-02	South Africa	2004-0019		Assignment Document
	RS								
	WDB		2/17/2005		W9539-02	South Africa	2004/8091		Power of Attorney
	RS								
	WDB		2/17/2005		W9539-02	South Africa	2004/8091		Copy of IPER
	RS								
	WDB		2/17/2005	8/17/2005		Europe	0987219		Possible Opposition
	RS								
	WDB		2/17/2005		W9539-02	South Africa	2004/8091		Declaration
	RS								
	CAC	BJA	2/17/2005		W9440-01	Singapore	200058080 S		Info Disc Statement
	LLB								



ATTY	ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
RAM	HJT		2/17/2005	2/17/2005	W9514-02	US	120310	Shih	Issue Fee
LLB									
WDB			2/18/2005	2/18/2005	W9425-01	Europe	99920682.4		Oral Proceedings
RS									
WDB			2/18/2005	2/18/2005	W9427-01	China	99810731.X		Certificate Fee and 6th Annuity
RS									
CAC			2/18/2005	2/18/2005	W9484-01	Australia	21031/01		Order for Acceptance
DPD									
CAC			2/18/2005	5/18/2005	W9571-01	US	408271	Schmidt	Office Action
DPD									
WDB			2/19/2005	7/19/2005	W9671-01	US	589074		Foreign File
RS									
WDB			2/19/2005	7/19/2005	W9671-01	US	589074	Brcms	Filing Regular Application
RS									
CAC	HJT		2/19/2005	6/19/2005	W9577-01	PCT	US03/40322		Chapter II National Stage Entry
LLB									
CAC	HJT		2/19/2005	6/19/2005	W9563-01	PCT	US03/39368		Chapter II National Stage Entry
LLB									

ATTY	ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
	CAC		2/20/2005	2/20/2005	W9489-01	Brazil	PI0207856-2		Request for Examination
	DPD								
	CAC	BJA	2/20/2005	2/20/2005	W9440-02	US	151560	Zickbarth	Office Action
	LLB								
	WDB		2/20/2005	4/20/2005	W9530-02	US	183854	Pctry	Office Action
	RS								
	CAC		2/20/2005	2/20/2005	W9489-01	Russian Federation	2003130097		Request for Examination
	DPD								
	WDB		2/21/2005		W9553-02	India	2974/DELNP/200		Section 8(2) Details
	RS								
	WDB		2/21/2005		W9553-02	India	2974/DELNP/200		Section 8(1) Details
	RS								
	WDB		2/21/2005		W9553-02	India	2974/DELNP/200		Power of Authority
	RS								
	CAC	BJA	2/21/2005	4/21/2005	W9625-01	PCT	US02/32477		Chapter II National Stage Entry
	LLB								
	WDB		2/21/2005		W9553-02	India	2974/DELNP/200		Application Form 1A
	RS								

ATTY	ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
	CAC	BJA	2/21/2005	4/21/2005	W9556-01	PCT	US03/33478		Chapter II National Stage Entry
LLB									
	CAC	BJA	2/21/2005	4/21/2005	W9557-01	PCT	US03/33479		Chapter II National Stage Entry
LLB									
	CAC	HJT	2/21/2005	2/21/2005	W9488-01	Europe	02728631.9		Reply to Examination Report
LLB									
	WDB		2/22/2005		W9553-02	South Africa	2004/8095		Assignment Document
RS									
	WDB		2/22/2005		W9553-02	South Africa	2004/8095		Power of Attorney
RS									
	WDB		2/22/2005		W9553-02	South Africa	2004/8095		Declaration
RS									
	WDB		2/22/2005		W9540-02	South Africa	2004/8187		Power of Attorney
RS									
	WDB		2/22/2005		W9540-02	South Africa	2004/8187		Declaration
RS									
	WDB		2/22/2005	2/22/2005		Europe	0660969		Response
RS									

ATTY	ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB			2/22/2005		✓ W9540-02	South Africa	2004/8187		Assignment Document
RS									
CAC			2/22/2005		✓ W9484-01	Canada	2392923		Recordation between Grace & Mobil
DPD									
WDB			2/22/2005		✓ W9566-02	South Africa	2004/8094		Declaration
RS									
WDB			2/22/2005		✓ W9566-02	South Africa	2004/8094		Power of Attorney
RS									
WDB			2/22/2005		✓ W9566-02	South Africa	2004/8094		Assignment Document
RS									
WDB			2/22/2005		✓ W9553-02	South Africa	2004/8095		Copy of IPER
RS									
WDB			2/22/2005		✓ W9527-01	Turkey	02/2098		Deed of Assignment
RS									
WDB			2/22/2005		✓ W9540-02	South Africa	2004/8187		Copy of IPER
RS									
WDB			2/22/2005		✓ W9566-02	South Africa	2004/8094		Copy of IPER
RS									

ATTY	ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
	WDB		2/23/2005			US	2004/0106180		Patent Watch
	RS								
	WDB		2/23/2005			US			Patent Watch (check status) - Pub. No. US2003/0091411 & US2004/0062701
	RS								
	CAC	BJA	2/23/2005		W9478-01	India	2002-003/DE1		Share Assignment
	DPD								
	WDB	Brinks	2/23/2005	2/23/2005	W9711-01	PCT	US2004/011960		Response to PCT Written Opinion
	RS								
	WDB		2/23/2005		W9527-01	Japan	2001-563431		Deed of Assignment
	RS								
	CAC		2/23/2005	3/23/2005	W9644-01	US	806563		Foreign Filt
	DPD								
	WDB		2/23/2005	2/23/2005	W9498-01	Canada	2458308		Assignment Document
	RS								
	WDB		2/23/2005		W9711-01	US	421608	Anderson	Rec'd Office Action
	RS								

ATTY	ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
	WDB		2/24/2005		W9552-01	South Africa	2004/10377		Copy of IPR
	RS								
	CAC		2/24/2005	3/31/2005		Europe	762935		Response
	DPD								
	WDB		2/24/2005		W9552-01	India	3780/DELNP/2004		Application Form 1A
	RS								
	WDB		2/24/2005		W9552-01	India	3780/DELNP/2004		Power of Authority
	RS								
	WDB		2/24/2005		W9552-01	India	3780/DELNP/2004		Section 8(1) Details
	RS								
	WDB		2/24/2005		W9552-01	India	3780/DELNP/2004		Section 8(2) Details
	RS								
	WDB		2/24/2005		W9552-01	South Africa	2004/10377		Declaration
	RS								
	WDB		2/24/2005		W9552-01	South Africa	2004/10377		Power of Attorney
	RS								
	WDB		2/24/2005		W9552-01	South Africa	2004/10377		Assignment Document
	RS								

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
CAC	BJA	2/24/2005	2/24/2005	W9556-02	US	642924	Yeluris	Issue for
LLB								
CAC	BJA	2/25/2005	2/25/2005	W9463-02	China	99132963.0		Response
DPD								
WDB		2/26/2005			Japan			Watch Patent Appln. Ohji Seishi
RS								
WDB		2/26/2005		W9552-01	Poland			Power of Attorney
RS								
WDB		2/27/2005		W9540-02	Poland	P.372351		Assignment Document
RS								
WDB		2/27/2005		W9553-02	Poland			Assignment Document
RS								
WDB		2/27/2005		W9553-02	Poland			Power of Attorney
RS								
CAC	BJA	2/27/2005		W9453-01	Australia	44687/99		Nominal Working
DPD								
WDB		2/27/2005	2/27/2005	W9527-01	Eurasian	200200941		Designation of Countries & Annuities
RS								

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB		2/27/2005	2/27/2005	W9527-01	India	2002.01191/MUM		Request for Examination
RS								
CAC		2/27/2005		W9483-01	Singapore	200201509-7		Copy of Record updated inventorship
DPD								
WDB		2/27/2005		W9566-02	Poland	P.372416		Power of Attorney
RS								
WDB		2/27/2005		W9539-02	Poland	P.372376		Power of Attorney
RS								
WDB		2/27/2005	4/27/2005		Europe	1366112		Possible Opposition
RS								
WDB		2/27/2005		W9540-02	Poland	P.372351		Power of Attorney
RS								
WDB		2/28/2005		W9500-02	India	2907/DELNP/2004		Section 8(2) Details
RS								
CAC	BJA	2/28/2005		W9517-01	Colombia	04001078		IPER and Annexes (if any)
DPD								
WDB		2/28/2005		W9540-02	India	2973/DELNP/2004		Section 8(2) Details
RS								



ATTY	ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
	WDB		2/28/2005		W9566-02	India	2967/DELNP/2004		Application Form 1A
	RS								

	WDB		2/28/2005		W9566-02	India	2967/DELNP/2004		Power of Authority
	RS								

	WDB		2/28/2005		W9695-00				Discussion to File
	RS								

	WDB		2/28/2005		W9566-02	India	2967/DELNP/2004		Section 8(1) Details
	RS								

	WDB		2/28/2005		W9539-02	India	2969/DELNP/2004		Application Form 1A
	RS								

	WDB		2/28/2005		W9539-02	India	2969/DELNP/2004		Section 8(1) Details
	RS								

	WDB		2/28/2005		W9540-02	India	2973/DELNP/2004		Section 8(1) Details
	RS								

	WDB		2/28/2005		W9539-02	India	2969/DELNP/2004		Section 8(2) Details
	RS								

	WDB		2/28/2005		W9547-01	India	1014/DELNP/2004		Power of Authority
	RS								

ATTY	ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
	WDB		2/28/2005		W0543-01	India	1914/DELNP/2004		Section 8 (1) Details
	RS								
	WDB		2/28/2005		W0543-01	India	1914/DELNP/2004		Section 8 (2) Details
	RS								
	WDB		2/28/2005	2/28/2005	W0528-01	Hungary	P0204138		Request for Examination
	RS								
	CAC	BJA	2/28/2005	5/30/2005	W9556-03	US	837846	Yaloris	Office Action
	LLB								
	WDB		2/28/2005						Inventors, Compensation for 2004
	RS								
	WDB		2/28/2005		W9675-01	US	640693	Hoefer	Power of Attorney
	RS								
	WDB		2/28/2005		W9540-02	India	2973/DELNP/2004		Power of Authority
	RS								
	WDB		2/28/2005		W9675-01	US	640693	Hoefer	Assignment Document
	RS								
	WDB		2/28/2005		W9540-02	India	2973/DELNP/2004		Application Form 1A
	RS								

ATTY	ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
	WDB		2/28/2005		W9539-02	India	2969/DELNP/2004		Power of Authority
	RS								
	CAC	BJA	2/28/2005	2/28/2005	W9440-01	Australia	32474/00		Request for Examination
	LLB								
	CAC	BJA	2/28/2005	2/28/2005	W9440-01	South Korea	2000-7012173		Request for Examination
	LLB								
	WDB		3/1/2005	3/1/2005	W9552-01	Chile	1090-2003		Pay Examination Fees
	RS								
	CAC	BJA	3/1/2005		W9557-02	US	632044	Yaluris	Inventor Award
	LLB								
	WDB		3/2/2005			Europe	1355856		Rhodia - Watch
	RS								
	CAC	BJA	3/2/2005	3/2/2005	W9561-02	US	909706		Foreign File
	LLB								
	CAC		3/2/2005	4/2/2005	W9045-01	US	817009		Foreign File
	DPD								
	CAC	BJA	3/2/2005	8/2/2005	W9034-02	US	909709		Foreign File
	LLB								

ATTY	ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
	CAC		3/3/2005	8/3/2005	W9564-01	PCT	US04/03006		Chapter II National Stage Entry
	DPD								
	RAM	HJT	3/3/2005	3/3/2005	W9441-01	Europe	99948505.5		Two Mth Ext. Response to Examination Report
	LLB								
	<del>WDB</del>		<del>3/3/2005</del>	<del>3/3/2005</del>	<del>W9447-02</del>	<del>Europe</del>	<del>99970677.3</del>		<del>Response</del>
	RS								
	WDB		3/3/2005		W9665-00			Herrig	Review - Inventor Disclosure
	RS								
	CAC	BJA	3/3/2005	5/3/2005	W9556-03	US	837846	Rudesill	Foreign File
	LLB								
	<del>CAC</del>		<del>3/5/2005</del>	<del>3/5/2005</del>	<del>W9401-01</del>	<del>Europe</del>	<del>99930212.8</del>		<del>Response</del>
	DPD								
	WDB		3/5/2005		W9261-01	Thailand	048588		Copy of Corresponding Patent, official actions and Cited References
	RS								
	WDB		3/5/2005			Europe	WO2004/0436649A		Patent Watch
	RS								

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB RS		3/5/2005			US	2004/0106180 A1		Patent Watch Reminder
CAC DPD	BJA	3/5/2005	4/5/2005	W9478-02	US	236267	Roberie	Appeal Brief
CAC DPD		3/6/2005		W9489-01	India	760/MUMNP/2003		Section 8 (2) Details
CAC DPD		3/6/2005		W9489-01	India	760/MUMNP/2003		Application Form 1A
WDB RS		3/6/2005	3/6/2005	W9543-01	Europe	02796709.0		File in Hong Kong
WDB RS		3/6/2005		W9552-01	Thailand	082778		Assignment Document
WLB LLB	HJT	3/6/2005	3/6/2005	W8797-02	Europe	96942911.7		Response to Examination Report
CAC DPD	BJA	3/6/2005		W9478-01	US	649627	Roberie	Recordation of Mobil
WDB RS		3/6/2005			US	2004/0077768		Patent Watch

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB RS		3/6/2005			US	2004/0097600		Patent Watch
CAC DPD		3/7/2005		W9484-01	Japan	2001-546840		Assignment - owned by Mobil & Grace
RAM LLB	HJT	3/7/2005	3/7/2005	W9520-02	Europe	02751958.6		File in Hong Kong
WDB RS		3/7/2005	7/7/2005	W9427-03	US	887376		Foreign File
CAC DPD	BJA	3/8/2005	3/8/2005	W9517-01	US	901939	Roberie	Office Action
CAC DPD	BJA	3/8/2005	3/8/2005	W9517-01	Europe	02752505.4		Response
WDB RS		3/9/2005	3/9/2005	W9646-01	US	114528		Notice of Appeal
WDB RS		3/9/2005	3/9/2005	W9525-01	Canada	2164208		Grant fees
WDB RS		3/10/2005	8/10/2005		Europe	1252095		Possible Opposition

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB RS		3/10/2005			Europe	1171509		Follow up - Opposition
WDB RS		3/10/2005	3/10/2005	W9530-02	Europe	02754793.4		Response
WDB RS		3/10/2005		W9495-01	US	929621	Wormsbecher	File a CIP
WDB RS		3/11/2005	3/11/2005		Europe	1346840		Agfa-Gevaert N.V. (Patent Watch) - Grant and Printings Fees
WDB RS		3/12/2005		W9530-02	Poland	P.366825		Power of Attorney
WDB RS		3/13/2005	3/13/2005	W9530-02	Europe	02754793.4		File in Hong Kong
WDB RS		3/14/2005				WO 2004/045504		Patent Watch
WDB RS		3/14/2005				WO 03/055802 A1		Patent Watch
CAC LLB	BJA	3/14/2005	5/14/2005	W9494-03	US	S46816		Foreign File

ATTY	ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
	CAC	BJA	3/14/2005	5/14/2005	W9494-04	US	846818		Foreign File
	LLB								

	WDB		3/14/2005				WO2004065299		Patent Watch
	RS								

	CAC	BJA	3/15/2005	4/15/2005	W9634-01	US	824913		Foreign File
	LLB								

	WDB		3/15/2005	6/15/2005	W9628-01	US	579694	Chapman	Filing Regular Application
	RS								

	WDB		3/15/2005	6/15/2005	W9628-01	US	579694		Foreign File
	RS								

	CAC	BJA	3/16/2005	3/16/2005	W9453-03	US	013708	Chester	Info Disc Statement
	DPD								

WDB 3-16-05 7-16-05 W9495-02 VS 892779

	CAC		3/16/2005	3/16/2005	W9489-01	Australia	2002241121		File Normal or Modified Examination
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WDB 3-17-05 W9539-02 South Africa 2004/8091

	CAC	BJA	3/16/2005	3/16/2005	W9463-03	US	013481	Cheng	Info Disc Statement
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WDB 3-17-05 W9539-02 South Africa 2004/8091

	CAC	BJA	3/17/2005	3/17/2005	W8505-08	US	015912	Peters	Info Disc Statement
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WDB 3-17-05 W9539-02 South Africa 2004/8091

WDB 3-17-05 W9539-02 South Africa 2004-0019

WDB 3-17-05 W9539-02 2004/8091



ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB		3/19/2005	3/19/2005	W9540-02	China	03811439.9		Request for Examination
RS								
CAC		3-18-05	5-18-05	W9571-01	US	403271	Schmidt	Office action
WD3		3-19-05	7-19-05	W9671-01	US	589074		FF
WDB		3/19/2005	3/19/2005	W9553-02	China	03811484.4		Request for Examination
RS								
WD3		3-19-05	7-19-05	W9671-01	US	589074		Filing Reg Appl'n
CAC HST		3-19-05	6-19-05	W9577-01	PCT	1503/40322		Chapter 2
CAC	HJT	3/19/2005	3/19/2005	W9577-01	PCT	US03/40322		Reminder for IPER & Written Opinion
LLB								
CAC HST		3-19-05	6-19-05	W9563-01	PCT	1503/39368		Chapter 2
WDB		3/19/2005	3/19/2005	W9539-02	China	03811482.8		Request for Examination
RS								
WD3		3-23-05	8-23-05	W9495-02	US	892779	Wonschauer	Office action
CAC	HJT	3/19/2005	3/19/2005	W9563-01	PCT	US03/39368		Reminder for IPER & Written Opinion
LLB								
WD3		3-20-05	4-20-05	W9530-02	US	183854	Rehm	Office action
WD3		3-21-05		W9553-02	China	2974/DELNP/200		Section 8(2) details
CAC		3/20/2005	3/20/2005	W9571-01	PCT	US2004/009850		Response to PCT Written Opinion
DPD								
WD3		3-21-05		W9553-02	China	2974/DELNP/200		Section 8(1) details
WD3		3-21-05		W9553-02	China	2974/DELNP/200		Power of Attorney
RAM	HJT	3/23/2005	3/23/2005	W9433-02	Europe	00986430.7		Reply to Examination Report
LLB								
CAC BJA		3-21-05	4-21-05	W9625-01	PCT	1503/33477		Chapter 2
WD3		3-21-05		W9553-02	China	2974/DELNP/200		Section 1A
CAC	BJA	3/24/2005	3/24/2005	W9517-01	China	02817678.2		Amend Application
DPD								
CAC BJA		3-21-05	4-21-05	W9556-01	PCT	1503/33478		Chapter 2
CAC BJA		3-21-05	4-21-05	W9577-01	PCT	1503/33479		Chapter 2
WDB		3/25/2005	6/25/2005	W9675-01	US	640693	Hoefer	Missing Part Declaration
RS								
WD3		3-22-05		W9553-02	South Africa	2004/3095		Assign
WD3		3-22-05		W9553-02	South Africa	2004/3095		Power of Attorney
WD3		3-22-05						Declaration

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WLB	HJT	3/25/2005	3/25/2005	W8797-02	Chile	2240-96		Response
LLB				W9540-02	South Africa	2004/8127		Power of attorney
WD3		3.22.05			"	"		Declaration
WD3		3.22.05		W9540-02	"			
CAC	HJT	3/27/2005	3/27/2005	W9488-01	Indonesia	W-00200301992		Request for Examination
LLB				W9540-02	South Africa	2004/8127		Assign
WD3		3.22.05		W9488-01	Canada	2392925		Rec'd letter from IPER
CAC		3.22.05						Request for Examination
CAC	HJT	3/27/2005	3/27/2005	W9515-01	Indonesia	W-00200301991		
LLB				W9540-02	South Africa	2004-8094		Declaration
WD3		3.22.05		W9540-02	"	"		Power of attorney
WD3		3.22.05		W9540-02	"	"		
CAC	HJT	3/28/2005	3/28/2005	W9515-01	US	833603	Cheng	Issue fee
LLB				W9540-02	South Africa	2004-8094		Assign
WD3		3.22.05		W9540-02	"	2004/8095		IPER
WD3		3.22.05		W9553-02	"			
CAC	HJT	3/28/2005	3/28/2005	W9479-01	Czech Republic	PV2003-2731		Request for Examination
LLB				W9527-01	Turkey	02/2003		Assign
WD3		3.22.05		W9540-02	South Africa	2004/8127		IPER
WD3		3.22.05						
CAC	BJA	3/28/2005	3/28/2005	W9464-02	US	468452	Chester	Issue fee
DPD				W9540-02	South Africa	2004-8094		IPER
WD3		3.22.05						
WD3		3.23.05		VS	2004/0106/20			Patent water
RAM	HLC	3/30/2005	3/30/2005	W9568-01	US	120331	Shih	Issue fee
LLB				VS				Patent water
WD3		3.23.05						
From HST		3.23.05	3.23.05	W9478-02	Europe	W984429.9		Reamse
WDB		3/30/2005	3/30/2005	W9553-02	US	391287	Frige	Issue fee
RS				W9478-01	Chile	2003/0317EL		Assign
CAC	BJA	3.23.05		W9527-01	Japan	2001-563431		Assign
WD3		3.23.05						
WDB		3/30/2005	3/30/2005	W9305-01	Poland	P-334703		Response
RS				W9644-01	US	806563		FF
CAC		3.23.05	3.23.05	W9711-01	US	421603		Provisional
WD3		3.23.05		W9547-01	South Africa	10-1997-005630		Reamse
WD3		3.22.05	3.22.05					

ATTY	ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
	WDB		3/30/2005	3/30/2005	W9566-02	US	391270	Früge	Issue fee
	RS								
	WD3		3.24.05		W9552.01	South Africa	2004/10373		Corr of IPER
	WD3		3.24.05		W9552.01	Chole	37801 DELNP/2004		Form 1A
	WDB		4/1/2005		W9721-10	US	427812		Rec'd Office Action
	RS								
	WD3		3.24.05		W9552.01	Chole	37801 DELNP/2004		Power of attorney
	WD3		3.24.05		W9552.01	Chole	37801 DELNP/2004		Section 8(1) details
	WDB		4/3/2005	4/3/2005	W9261-01	Hungary	P0100974		Grant and Printing Fees
	RS								
	WD3		3.24.05		W9552.01	Chole	37801 DELNP/2004		Section 8(2) details
	WD3		3.24.05		W9552.01	South Africa	2004/10373		Declaration
	CAC		4/7/2005	10/7/2005	W9571-01	PCT	US04/09850		Chapter II National Stage Entry
	DPD								
	WD3		3.24.05		W9552.01	South Africa	2004/10373		Power of attorney
	WD3		3.24.05		W9552.01	"	"		Assn
	WDB		4/8/2005	4/8/2005	W9298-01	Canada	2258881		Response
	RS								
	WD3		4.9.05	4.9.05	W9298-01	Japan	19986146		Response
	WD3		3.26.05			Japan			Water
	WDB		4/11/2005	4/11/2005	W9465-01	South Korea	2001-7013004		Request for Examination
	RS								
	WD3		3.26.05		W9552.01	Poland			Power of attorney
	WD3		3.27.05		W9540.02	Poland	P. 312351		Assn
	CAC	Europe	4/11/2005	10/11/2005	W9637-01	PCT	US03/14635		Chapter II National Stage Entry
	DPD								
	WD3		3.27.05		W9553.02	Poland			Assn
	WD3		3.27.05		W9553.02	Poland			Power of attorney
	RAM		4/13/2005	4/13/2005	W9433-02	India	2002.00798/MUM		Order for Acceptance
	LLB								
	CAC	Asia	3.27.05		W9433.01	Australia	44627/99		not working
	CAC		3.27.05		W9483.01	Singapore	200201509.7		Copy of record
	WDB		4/13/2005	4/13/2005	W9527-01	Europe	01933658.5		Response
	RS								
	WD3		3.27.05		W9506.02	Poland	P. 312316		Power of attorney
	WD3		3.27.05		W9539.02	Poland	P. 312316		"
	WD3		3.27.05	4.27.05		Europe	1326112		Possible search

ATTY	ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
	WDB		4/13/2005	4/13/2005	W9539-02	US	391286	Früge	Issue fee
RS	WD3		3.25.05		W9552-01	China	29801 DELNP/2004		Priority doc 1/15/04
	WD3		3.28.05		W9566-02	China	29671 DELNP/2004		Section 8(2) details
	WDB	Brinks	4/14/2005	4/14/2005	W9719-02	Canada	2323287		Issue fee
RS	WD3		4.15.05	4.15.05	W9427-01	Europe	98928314.5		Response
	CAC 577		3.28.05		W9517-01	Colombia	04001073		1 PGE
	WDB		4/16/2005	4/16/2005	W9429-02	Germany	19826209.4		Response
RS	WD3		3.28.05		W9540-02	China	29731 DELNP/2004		Section 8(2) details
	WD3		3.28.05		W9566-02	India	29671 DELNP/2004		Form 1A
	WDB		4/17/2005	4/17/2005	W9566-02	China	03811438.0		Request for Examination
RS	WD3		3.22.05		W9566-02	China	29671 DELNP/2004		Priority of entry
	WD3		3.28.05		W9695-00				Discuss 10 file
	WDB		4/18/2005	4/18/2005	W9447-03	Malaysia	PI20011852		Modified Examination
RS	WD3		4.12.05	4.12.05	W9498-01	Europe	02796243.9		Response
	WD3		3.28.05		W9566-02	China	29671 DELNP/2004		Section 8(1) details
	WDB		4/20/2005	4/20/2005	W9425-01	Germany	19817257.5		Response
RS	CAC 457		4.21.05	4.21.05	W9488-01	Europe	02728631.9		Response
	WD3		3.28.05		W9539-02	China	29691 DELNP/2004		Form 1A
	WDB		4/23/2005	10/23/2005	W9711-01	PCT	US04/11960		Chapter II National Stage Entry
RS	WD3		3.28.05		W9539-02	China	29691 DELNP/2004		Section 8(1) details
	WD3		4-24.05	4.24.05	W9518-01	China	98806773.0		Response
	RAM	HJT	4/25/2005	4/25/2005	W9482-02	US	421510	Kindi	Issue fee
LLB	WD3		3.28.05		W9540-02	China	29731 DELNP/2004		Section 8(1) details
	CAC 577		4.25.05	4.25.05	W9463-02	China	99129963.0		Response
	WDB		4/25/2005	4/25/2005	W9490-02	US	062602	Lihanati	Issue fee
RS	WD3		3.28.05		W9539-02	China	29691 DELNP/2004		Section 8(1) details
	WD3		3.28.05		W9543-01	China	99141 DELNP/2004		Priority of entry

ATTY	ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
	WDB		4/28/2005	4/28/2005	W9527-01	Turkey	02/2098		Issue fee
	RS								
	WD3		4.28.05	4.28.05	W9495-01	China	02820326.7		mod Appl.
	Form 155		4.30.05	4.30.05	W922302	South Korea	98-710494		Issue fee
	CAC	BJA	5/2/2005	11/2/2005	W9558-01	US	624492	Yaluris	Filing Regular Application
	LLB								
	WD3		4.30.05	4.30.05	W9305-01	Nigeria	P000265		Office action
	WD3		3.28.05		W9543-01	India	1914/DELNP/2004		Sec 8(1)
	CAC		5/2/2005	5/2/2005	W9564-01	US	357115	Wormschecher	Issue fee
	DPD								
	WD3		3.28.05		W9543-01	India	1914/DELNP/2004		Sec 8(2)
	CAC	BJA	3.30.05	5.30.05	W9556-03	US	837846	Yaluris	Office action
	CAC	BJA	5/2/2005	11/2/2005	W9558-01	US	624492		Foreign File
	LLB								
	WD3		3.28.05						chments
	WD3		3.28.05		W9675-01	US	640693	Haef	Power of atty
	CAC		5/3/2005	5/3/2005	W7860-01	Canada	2111399		Response
	DPD								
	WD3		3.28.05		W9540-02	China	2973/DELNP/2004		Power of atty
	WD3		3.28.05		W9675-01	US	640693	Haef	Assign
	CAC		5/3/2005	5/3/2005	W8240-01	Canada	2111400		Response
	DPD								
	WD3		3.28.05		W9540-02	China	2973/DELNP/2004		Form 1A
	WD3		3.28.05		W9539-02	China	2969/DELNP/2004		Power of atty
	CAC		5/4/2005	5/4/2005	W8241-01	Canada	2111398		Response
	DPD								
	CAC		4.10.05		W9470-01	Venezuela			Assign
	WD3		5.4.05	5.4.05	W9470-01	Malaysia	P19900862		Response
	CAC		5/5/2005	11/5/2005	W9680-01	US	625544		Foreign File
	DPD								
	CAC	BJA	4.10.05		W9557-02	US	632044	Yaluris	Inventor's oath
	WD3		4.10.05		LS	2004/0077762			What's ?
	CAC		5/5/2005	11/5/2005	W9680-01	US	625544		Filing Regular Application
	DPD								
	CAC	BJA	5.8.05	5.8.05	W8285-01	Japan	14988/84		Office action
	WD3		5.9.05	8.9.05	W9340-02	US	391044	Frige	Office action
	WD3		5.10.05	5.10.05	W9578-01	Czech Republic	PV4632-99		Power of atty

ATTY	ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
	WDB		5/11/2005	5/11/2005	W9643-02	PCT	US2004/021998		Response to PCT Written Opinion
RS	WDB		4.2.05			Europe	1355356		Response to PCT Written Opinion
	CAC	BJA	8.2.05	8.2.05	W9561-02	US	909706		FF
	RAM		5/13/2005	5/13/2005	W9448-02	India	2002.00801/MUM		Order for Acceptance
LLB									
	CAC	HST	5.13.05	5.13.05	W947A-01	Russia	2003133133		Response
	CAC	BJA	5.15.05	8.15.05	W9494-03	US	846816	White	Office action
	RAM	HJT	5/16/2005	5/16/2005	W8903-01	Canada	2266910		Final Fees
LLB									
	CAC	BJA	5.16.05	5.16.05	W9464-03	US	308737	Chen	Issue Fee
	CAC		4.2.05	4.2.05	W9445-01	US	817069		FF
	WDB		5/22/2005	5/22/2005	W9540-02	Europe	03714244.5		File in Hong Kong
RS									
	CAC	BJA	4.2.05	8.2.05	W9634-02	US	909709		FF
	CAC	BJA	5/24/2005	5/24/2005	W9478-01	Australia	75886/00		File Divisional Application
DPD									
	CAC		5.28.05	5.28.05	W9436-01	Europe	W9320466		Response
	WDB		5/29/2005	5/29/2005	W9539-02	Europe	03716724.4		File in Hong Kong
RS									
	WDB		5/31/2005	5/31/2005	W9552-01	China			Request for Examination
RS									
	CAC	BJA	6/1/2005	12/1/2005	W9557-02	US	632044	Yaluri	Foreign File
LLB									
	CAC	BJA	6/1/2005	12/1/2005	W9557-02	US	632044	Yaluri	Filing Regular Application
LLB									
	CAC	HST	6.2.05	6.2.05	W9408-01	Europe	9996451.9		translation

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB RS	Brinks	6/6/2005	6/6/2005	W9709-01	PCT	US04/37112		DEMAND
RAM LLB	HJT	6/6/2005	6/6/2005	W9482-01	Australia	2002245309		Search Results
CAC LLB	BJA	6/6/2005	6/6/2005	W9561-02	PCT	US04/36642		DEMAND
WDB RS		6/7/2005	6/7/2005	W9425-01	Malaysia	PI 9901501		Response to Examination Report
WDB RS		6/9/2005	6/9/2005	W9526-01	Australia	2002238441		Search Results
WDB RS		6/12/2005	6/12/2005	W9429-01	Germany	19815564.6		Response
CAC DPD	BJA	6/16/2005	12/16/2005	W9463-03	US	013481		Foreign File
WDB RS		6/16/2005	6/16/2005	W9443-02	India	2001.00089/MUM		Order for Acceptance
CAC DPD	BJA	6/16/2005	12/16/2005	W9453-03	US	013708		Foreign File

ATTY	ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
	CAC	BJA	6/17/2005	12/17/2005	W8505-08	US	015912		Foreign File
	LLB								
	WLB	HJT	6/18/2005	6/18/2005	W8797-02	India	2785/DEL/96		Order for Acceptance
	LLB								
	WDB		6/19/2005	6/19/2005	W9566-02	Europe	03714239.5		File in Hong Kong
	RS								
	RAM	HLC	6/20/2005	6/20/2005	W9652-02	PCT	US04/38529		DEMAND
	LLB								
	WDB		6/22/2005	6/22/2005	W9298-02	Japan	508696/99		Request for Examination
	RS								
	WDB		6/25/2005	6/25/2005	W9261-01	Germany	19805358.4		Office Action
	RS								
	WDB		6/28/2005	6/28/2005	W9530-02	Brazil	P10210819-4		Request for Examination
	RS								
	WDB		6/28/2005	6/28/2005	W9530-02	Japan	510733/03		Request for Examination
	RS								
	WDB		6/30/2005	6/30/2005	W9530-02	Argentina	P020102498		Request for Examination
	RS								



ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB RS		6/30/2005	12/30/2005	W9675-01	US	640693	Fritz	Filing Regular Application
WDB RS		6/30/2005	12/30/2005	W9675-01	US	640693	Fritz	Foreign File
WDB RS		6/30/2005	6/30/2005	W9543-01	Canada	2472147		Assignment Document
WDB RS		7/4/2005	7/4/2005	W9530-02	Malaysia	PI20022540		Full Examination
CAC LLB	BJA	7/6/2005	7/6/2005	W9561-02	PCT	US04/36642		CHAPTER 1 NATIONAL STAGE ENTRY
WDB RS	Brinks	7/6/2005	7/6/2005	W9709-01	PCT	US04/37112		CHAPTER 1 NATIONAL STAGE ENTRY
CAC DPD		7/7/2005	7/7/2005	W9571-01	PCT	US04/09850		Reminder for IPER & Written Opinion
CAC LLB	BJA	7/8/2005	7/8/2005	W9440-01	India	2000.00549/MUM		Order for Acceptance
CAC DPD	BJA	7/8/2005	7/8/2005	W9517-01	Indonesia	W-00 2004 00045		Request for Examination

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
CAC DPD	BJA	7/9/2005	7/9/2005	W9517-01	Japan	512337/03		Request for Examination
CAC DPD	BJA	7/9/2005	7/9/2005	W9517-01	Brazil	PI0210972-7		Request for Examination
WDB RS		7/11/2005	1/11/2006	W9643-02	PCT	US04/21998		Chapter II National Stage Entry
CAC DPD		7/11/2005	7/11/2005	W9637-01	PCT	US03/14635		Reminder for IPER & Written Opinion
WDB RS		7/19/2005		W9539-02	Australia	2003220419		Search Results
WDB RS		7/19/2005		W9553-02	Australia	2003230679		Search Results
RAM LLB	HLC	7/20/2005	7/20/2005	W9652-02	PCT	US04/38529		CHAPTER I NATIONAL STAGE ENTRY
CAC LLB	HJT	7/21/2005	7/21/2005	W9323-01	Australia	2002258677		File Normal or Modified Examination

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
CAC	HJT	7/21/2005	7/21/2005	W9479-01	Australia	2002254479		File Normal or Modified Examination

LLB

CAC	HJT	7/21/2005	7/21/2005	W9515-01	Australia	2002258676		File Normal or Modified Examination
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LLB

CAC	HJT	7/21/2005	7/21/2005	W9488-01	Australia	2002258675		File Normal or Modified Examination
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LLB

WDB		7/23/2005	7/23/2005	W9711-01	PCT	US04/11960		Reminder for IPER & Written Opinion
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RS

WLB HJT 7-24-05 7-24-05 W 8797-02 Code 2240113

*Shelfers*

CAC		7/25/2005	7/25/2005	W9446-01	Canada	2379960		Request for Examination
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DPD

WDB		8/9/2005	8/9/2005	W9633-02	PCT	US05/00641		DEMAND
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RS

WDB		8/12/2005	8/12/2005	W9495-01	Ukraine	200402119/M		Request for Examination
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RS

WDB		8/12/2005	8/12/2005	W9495-01	Japan	520463/03		Request for Examination
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RS

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB RS		8/12/2005	8/12/2005	W9495-01	Brazil	PI0211927-7		Request for Examination
CAC LLB	BJA	8/16/2005	8/16/2005	W9494-01	Singapore	200305528-2		Grant fees
<i>OK BJA 8-17-05 8-17-05 W9494-01 Australia 200223584 search results</i>								
WDB RS		8/20/2005	8/20/2005	W9498-01	Japan	522682/03		Request for Examination
WDB RS		8/27/2005	8/27/2005	W9413-02	India	2001.00103/DEL		Order for Acceptance
WDB RS		9/2/2005	9/2/2005	W9552-01	Europe	03735448.7		File in Hong Kong
WDB RS		9/9/2005	9/9/2005	W9633-02	PCT	US05/00641		CHAPTER 1 NATIONAL STAGE ENTRY
CAC DPD		9/16/2005	9/16/2005	W9489-01	Australia	2002244121		Search Results
WDB RS		9/17/2005	9/17/2005	W9540-02	Canada	2479692		Assignment Document
CAC DPD	BJA	9/18/2005	9/18/2005	W9478-01	South Korea	2002-7003717		Request for Examination

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
CAC DPD	BJA	9/18/2005	9/18/2005	W9478-01	Australia	75886/00		Request for Examination
CAC DPD	BJA	9/18/2005	9/18/2005	W9478-01	Canada	2385439		Request for Examination
CAC DPD		9/20/2005	9/20/2005	W9483-01	Canada	2384030		Request for Examination
WDB RS		9/23/2005	9/23/2005	W9528-01	Turkey	02/235		Working Requirement
WDB RS		10/2/2005	10/2/2005	W9427-01	Thailand	051514		Substantive Examination
WDB RS		10/5/2005	10/5/2005	W9543-01	New Zealand	533911		Date Formal Request for Entry into National Phase to be Filed
WDB RS		10/11/2005	10/11/2005	W9643-02	PCT	US04/21998		Reminder for IPER & Written Opinion
CAC LLB	HJT	10/13/2005	10/13/2005	W9479-01	Singapore	200305859-1		Grant Fees

ATTY								
ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
CAC	HJT	10/13/2005	10/13/2005	W9323-01	Singapore	200305913-6		Grant fees
LLB								

CAC	HJT	10/13/2005	10/13/2005	W9488-01	Singapore	200305993-S	Grant fees
LLB							

MAC: 11-18-05 11-18-05 W9542401 Australia 21031101 Order for Acceptance  
WDB 11/29/2005 11/29/2005 W9552-01 Canada 2487870 Assignment Document  
RS

WDB	Brinks 12/6/2005	5/6/2006	W9709-01	PCT	US04/37112	Chapter II National Stage Entry
RS						

CAC	12/15/2005	12/15/2005	W9484-01	Canada	2392925	Request for Examination
DPD						

ATTY	ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
	WDB		1/9/2006	7/9/2006	W9633-02	PCT	US05/00641		Chapter II National Stage Entry
	RS								
	CAC	BJA	1/10/2006	1/10/2006	W9517-01	Singapore	200400005-5		Grant fees
	DPD								
	WDB		1/18/2006	1/18/2006	W9413-02	Thailand	051565		Substantive Examination
	RS								
	WDB		2/3/2006	2/3/2006	W9261-01	Japan	531497/00		Request for Examination
	RS								
	WDB	Brinks	2/6/2006	2/6/2006	W9709-01	PCT	US04/37112		Reminder for IPER & Written Opinion
	RS								
	CAC	BJA	2/6/2006	2/6/2006	W9561-02	PCT	US04/36642		Reminder for IPER & Written Opinion
	LLB								
	RAM		2/11/2006	2/11/2006	W9391-01	Japan	2000-533469		Request for Examination
	LLB								
	CAC	BJA	2/13/2006	2/13/2006	W9494-01	India	746/MUMNP/2003		Request for Examination
	LLB								

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
RAM LLB	HLC	2/20/2006	2/20/2006	W9652-02	PCT	US04/38529		Reminder for IPER & Written Opinion
CAC DPD		2/20/2006	2/20/2006	W9489-01	India	760/MUMNP/2003		Request for Examination
WDB RS		2/27/2006	2/27/2006	W9527-01	South Korea	2002-7011548		Request for Examination
WDB RS		2/27/2006	2/27/2006	W9527-01	Canada	2401841		Request for Examination
WDB RS		3/6/2006	3/6/2006	W9425-01	Thailand	049928		Substantive Examination
WDB RS		3/13/2006	3/13/2006	W9540-02	Taiwan	92105498		Substantive Examination
WDB RS		3/13/2006	3/13/2006	W9553-02	Taiwan	92105499		Substantive Examination
WDB RS		3/18/2006	3/18/2006	W9539-02	Taiwan	92105923		Substantive Examination
WDB RS		3/18/2006	3/18/2006	W9553-02	Argentina	P030100966		Request for Examination



ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB RS		3/18/2006	3/18/2006	W9539-02	Argentina	P030100964		Request for Examination
WDB RS		3/18/2006	3/18/2006	W9540-02	Argentina	P030100965		Request for Examination
WDB RS		3/18/2006	3/18/2006	W9566-02	Argentina	P030100963		Request for Examination
WDB RS		3/19/2006	3/19/2006	W9540-02	Brazil	PI0308560-0		Request for Examination
WDB RS		3/19/2006	3/19/2006	W9553-02	Japan	578471/03		Request for Examination
WDB RS		3/19/2006	3/19/2006	W9566-02	Russian Federation	2004133559		Request for Examination
WDB RS		3/19/2006	3/19/2006	W9539-02	Brazil	PI0308558-9		Request for Examination
WDB RS		3/19/2006	3/19/2006	W9553-02	Russian Federation	2004130834		Request for Examination
WDB RS		3-19-06	3/19/2006	W9540-02	Australia	2003 218 250		Search Results
WDB RS		3-19-06	3/19/2006	W9566-02	Australia	2003 218 245		Search Results
WDB RS		3/19/2006	3/19/2006	W9539-02	Japan	578155/03		Request for Examination

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB RS		3/19/2006	3/19/2006	W9539-02	Russian Federation	2004130835		Request for Examination
WDB RS		3/19/2006	3/19/2006	W9566-02	Japan	585981/03		Request for Examination
WDB RS		3/19/2006	3/19/2006	W9540-02	Japan	578154/03		Request for Examination
WDB RS		3/19/2006	3/19/2006	W9540-02	Russian Federation	2004130836		Request for Examination
WDB RS		3/19/2006	3/19/2006	W9566-02	Brazil	PI0308561-9		Request for Examination
WDB RS		3/19/2006	3/19/2006	W9553-02	Brazil	PI0308557-0		Request for Examination
CAC LLB	HJT	3/28/2006	3/28/2006	W9488-01	India	829/MUMNP/2003		Request for Examination
CAC LLB	HJT	3/28/2006	3/28/2006	W9515-01	India	832/MUMNP/2003		Request for Examination
CAC LLB	HJT	3/28/2006	3/28/2006	W9479-01	India	761/MUMNP/2003		Request for Examination

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
CAC LLB	HJT	3/28/2006	3/28/2006	W9323-01	India	770/MUMNP/2003		Request for Examination
WDB RS		3/31/2006	3/31/2006	W9429-01	Japan	2000-540923		Request for Examination
WDB RS		4/9/2006	4/9/2006	W9633-02	PCT	US05/00641		Reminder for IPER & Written Opinion
WDB RS		4/10/2006	4/10/2006	W9566-02	Taiwan	92108242		Substantive Examination
WDB RS		4/11/2006	4/11/2006	W9447-03	Canada	2406958		Request for Examination
WDB RS		4/11/2006	4/11/2006	W9447-03	South Korea	2020-7013988		Request for Examination
WDB RS		4/16/2006	4/16/2006	W9425-01	Japan	2000-544734		Request for Examination
WDB RS	Brinks	5/4/2006	5/4/2006	W9718-01	Japan	2000-546862		Request for Examination
WDB RS		5/23/2006	5/23/2006	W9552-01	Brazil	PI0311481.3		Request for Examination

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB RS		5/23/2006	5/23/2006	W9552-01	Japan	509735/04		Request for Examination
WDB RS		5/28/2006	5/28/2006	W9552-01	Taiwan	92114383		Request for Examination
WDB RS		5/28/2006	5/28/2006	W9460-01	Germany	19924453.7		Request for Examination
WDB RS		5/29/2006	5/29/2006	W9552-01	Argentina	P030101926		Request for Examination
CAC DPD		6/10/2006	6/10/2006	W9401-01	Japan	2000-558193		Request for Examination
WDB RS		6/22/2006	6/22/2006	W9427-01	Japan	2000-558981		Request for Examination
WDB RS		6/22/2006	6/22/2006	W9427-01	Turkey	2001/17		Request for Examination
WDB RS		6/28/2006	6/28/2006	W9530-02	India	0012/DELNP/2004		Request for Examination
WDB RS		7/4/2006	7/4/2006	W9530-02	Malaysia	PI20022540		Modified Examination

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB RS		7/7/2006	7/7/2006	W9413-02	Turkey	2001/18		Request for Examination
WDB RS		7/7/2006	7/7/2006	W9413-02	Japan	2000-559049		Request for Examination
WDB RS		7/8/2006	7/8/2006	W9443-02	Japan	2000-558983		Request for Examination
CAC DPD	BJA	7/9/2006	7/9/2006	W9517-01	India	00011/MUMNP/200		Request for Examination
CAC DPD	BJA	7/12/2006	7/12/2006	W9393-01	Japan	2000-562135		Request for Examination
WDB RS		7/15/2006	7/15/2006	W9643-02	Malaysia	PI20042824		Request for Examination
CAC DPD	Mobil	7/22/2006	7/22/2006	W9435-01	Japan	2000-562334		Request for Examination
RAM LLB		8/9/2006	8/9/2006	W9655-01	Japan	2000-563704		Request for Examination
WDB RS		8/12/2006	8/12/2006	W9495-01	India	00343/DELNP2004		Request for Examination

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB RS		9/19/2006	9/19/2006	W9540-02	Singapore	200405219-7		Grant fees
WDB RS		9/19/2006	9/19/2006	W9539-02	Singapore	200405220-5		Grant fees
WDB RS		9/19/2006	9/19/2006	W9553-02	Singapore	200405222.1		Grant fees
RAM LLB	HJT	10/1/2006	10/1/2006	W9441-01	Japan	2000-574578		Request for Examination
WDB RS		10/17/2006	10/17/2006	W9566-02	Singapore	200405221-3		Grant fees
CAC LLB	BJA	10/20/2006	10/20/2006	W9556-01	Taiwan	92129006		Substantive Examination
CAC LLB	BJA	10/20/2006	10/20/2006	W9625-01	Taiwan	92129003		Substantive Examination
CAC LLB	BJA	10/20/2006	10/20/2006	W9557-01	Taiwan	92129005		Substantive Examination
WDB RS		10/21/2006	10/21/2006	W9447-02	Japan	577250/00		Request for Examination

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB RS		12/14/2006	12/14/2006	W9526-01	Canada	2436690		Request for Examination
CAC LLB	HJT	12/18/2006	12/18/2006	W9563-01	Argentina	P030104758		Substantive Examination
CAC LLB	HJT	12/18/2006	12/18/2006	W9577-01	Argentina	P030104759		Substantive Examination
CAC LLB	HJT	12/18/2006	12/18/2006	W9563-01	Taiwan	92135939		Request for Examination
WDB RS		12/20/2006	12/20/2006	W9543-01	India	1914/DELNP/2004		Request for Examination
RAM LLB		12/20/2006	12/20/2006	W9408-01	Japan	589280/00		Request for Examination
WDB RS		12/22/2006	12/22/2006	W9413-02	Turkey	01/18		Patent to Use
CAC DPD	BJA	12/23/2006	12/23/2006	W9463-02	Germany	19962669.3		Request for Examination
CAC DPD		1/23/2007	1/23/2007	W9483-01	Thailand	060560		Substantive Examination

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
RAM LLB	HJT	1/25/2007	1/25/2007	W9482-01	Canada	2473739		Request for Examination
CAC DPD		2/2/2007	2/2/2007	W9564-01	Taiwan	93102285		Request for Examination
CAC LLB	BJA	2/13/2007	2/13/2007	W9494-01	Canada	2438700		Request for Examination
CAC LLB	BJA	2/13/2007	2/13/2007	W9494-01	South Korea	2003-701695		Request for Examination
CAC DPD		2/20/2007	2/20/2007	W9489-01	Canada	2440083		Request for Examination
CAC DPD		2/20/2007	2/20/2007	W9489-01	Australia	2002244121		Request for Examination
CAC LLB	BJA	2/28/2007	2/28/2007	W9440-01	Japan	2000-602390		Request for Examination
WDB RS		3/19/2007	3/19/2007	W9540-02	India			Request for Examination
WDB RS		3/19/2007	3/19/2004	W9553-02	India			Request for Examination



ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB RS		3/19/2007	3/19/2007	W9539-02	India			Request for Examination
WDB RS		3/19/2007	3/19/2007	W9566-02	India			Request for Examination
CAC LLB	HJT	3/28/2007	3/28/2007	W9488-01	South Korea	2003-7013201		Request for Examination
CAC LLB	HJT	3/28/2007	3/28/2007	W9323-01	Canada	2444393		Request for Examination
CAC LLB	HJT	3/28/2007	3/28/2007	W9323-01	Australia	2002258677		Request for Examination
CAC LLB	HJT	3/28/2007	3/28/2007	W9323-01	South Korea	2003-7013416		Request for Examination
CAC LLB	HJT	3/28/2007	3/28/2007	W9479-01	Australia	2002254479		Request for Examination
CAC LLB	HJT	3/28/2007	3/28/2007	W9515-01	Australia	2002258676		Request for Examination
CAC LLB	HJT	3/28/2007	3/28/2007	W9515-01	Canada	2444488		Request for Examination

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
CAC LLB	HJT	3/28/2007	3/28/2007	W9479-01	Canada	2444461		Request for Examination
CAC LLB	HJT	3/28/2007	3/28/2007	W9515-01	South Korea	2003-7013418		Request for Examination
CAC LLB	HJT	3/28/2007	3/28/2007	W9479-01	South Korea	2003-7013390		Request for Examination
CAC LLB	HJT	3/28/2007	3/28/2007	W9488-01	Canada	2443898		Request for Examination
CAC LLB	HJT	3/28/2007	3/28/2007	W9488-01	Australia	2002258675		Request for Examination
CAC DPD		4/7/2007	4/7/2007	W9571-01	Taiwan	93109348		Request for Examination
CAC DPD		4/7/2007	4/7/2007	W9571-01	Argentina	P040101201		Request for Examination
CAC DPD		4/9/2007	4/9/2007	W9637-01	Taiwan	93110063		Request for Examination
RAM LLB	HLC	4/10/2007	4/10/2007	W9513-02	South Korea	2003-7014216		Request for Examination

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
RAM LLB	HJT	4/10/2007	4/10/2007	W9520-02	South Korea	2003-7041209		Request for Examination
RAM LLB	HJT	4/10/2007	4/10/2007	W9514-02	South Korea	2003-7014210		Request for Examination
RAM LLB	HLC	4/10/2007	4/10/2007	W9568-01	South Korea	2003-7014217		Request for Examination
WDB RS		4/11/2007	4/11/2003	W9465-01	Japan	2001-509424		Request for Examination
CAC DPD		4/11/2007	4/11/2007	W9637-01	Argentina	P040101217		Request for Examination
CAC DPD		5/4/2007	5/4/2007	W9436-01	Japan	616922/00		Request for Examination
WDB RS		5/23/2007	5/23/2007	W9552-01	India	3780/DELNP/2004		Request for Examination
WDB RS		6/28/2007	6/28/2007	W9530-02	Australia	2002321144		Request for Examination
WDB RS		6/28/2007	6/28/2007	W9530-02	South Korea	2004-7000119		Request for Examination

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
CAC DPD	BJA	7/9/2007	7/9/2007	W9517-01	Canada	2452434		Request for Examination
CAC DPD	BJA	7/9/2007	7/9/2007	W9517-01	South Korea	2004-7000392		Request for Examination
WDB RS		7/9/2007	7/9/2007	W9643-02	Taiwan	93120616		Substantive Examination
CAC DPD	BJA	7/9/2007		W9517-01	Australia	2002354582		Request for Examination
WDB RS		7/19/2007	7/19/2007	W9528-01	Turkey	02/235		Request for Examination
WDB RS		8/12/2007	8/12/2007	W9495-01	South Korea	2004-7002162		Request for Examination
WDB RS		8/12/2007	8/12/2007	W9495-01	Canada	2457730		Request for Examination
WDB RS		8/12/2007	8/12/2007	W9495-01	Australia	2002355940		Request for Examination
WDB RS		8/20/2007	8/20/2007	W9498-01	Canada	2458308		Request for Examination

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
CAC DPD	BJA	9/18/2007	9/18/2007	W9478-01	Japan	525295/01		Request for Examination
CAC DPD		9/20/2007	9/20/2007	W9483-01	Japan	2001-525296		Request for Examination
WDB RS	Brinks	10/13/2007	10/13/2007	W9719-02	Japan	2000-351939		Request for Examination
RAM LLB	HJT	10/19/2007	10/19/2007	W9459-01	Japan	535421/01		Request for Examination
RAM LLB		10/19/2007	10/19/2007	W9461-01	Japan	535420/01		Request for Examination
RAM LLB		10/19/2007	10/19/2007	W9475-01	Japan	535419/01		Request for Examination
CAC DPD		12/15/2007	12/15/2007	W9484-01	Japan	2001-546840		Request for Examination
RAM LLB		12/18/2007	12/18/2007	W9433-02	Japan	546775/01		Request for Examination
RAM LLB		12/18/2007	12/18/2007	W9448-02	Japan	546774/01		Request for Examination

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB RS		12/20/2007	12/20/2007	W9543-01	South Korea	2004-7010426		Request for Examination
WDB RS		12/20/2007	12/20/2007	W9543-01	Canada	2472147		Request for Examination
WDB RS		12/20/2007	12/20/2007	W9543-01	Australia	2002361196		Request for Examination
WDB RS		2/27/2008	2/27/2008	W9527-01	Turkey	02/2098		Request for Examination
WDB RS		2/27/2008	2/27/2008	W9527-01	Japan	2001-563431		Request for Examination
WDB RS		3/19/2008	3/19/2008	W9539-02	Australia	2003220419		Request for Examination
WDB RS		3/19/2008	3/19/2008	W9539-02	South Korea	2004-7014807		Request for Examination
WDB RS		3/19/2008	3/19/2008	W9540-02	Australia	2003218250		Request for Examination
WDB RS		3/19/2008	3/19/2008	W9540-02	South Korea	2004-7014808		Request for Examination

ATTY ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
WDB RS		3/19/2008	3/19/2008	W9566-02	Australia	2003213245		Request for Examination
WDB RS		3/19/2008	3/19/2008	W9540-02	Canada	2479692		Request for Examination
WDB RS		3/19/2008	3/19/2008	W9553-02	Australia	2003230679		Request for Examination
WDB RS		3/19/2008	3/19/2008	W9553-02	South Korea	2004-7014850		Request for Examination
WDB RS		3/19/2008	3/19/2008	W9566-02	South Korea	2004-7014821		Request for Examination
WDB RS		4/11/2008	4/11/2008	W9447-03	Japan	2001-578567		Request for Examination
WDB RS		5/23/2008	5/23/2008	W9552-01	Australia	2003237667		Request for Examination
WDB RS		5/23/2008	5/23/2008	W9552-01	Canada	2487870		Request for Examination
WDB RS		5/23/2008	5/23/2008	W9552-01	South Korea	2004-7019495		Request for Examination

ATTY	ASST	O/C	DUE DATE	MAX TERM DATE	NEW CASE NO	COUNTRY	DOCUMENT NO	INVENTOR	ACTION TYPE
	WDB		6/20/2008	6/20/2008	W-9543-01	Australia	2002361196		Search Results
	RS								
	WDB		8/22/2008	8/22/2008	W9498-01	Germany	10141020.4		Request for Examination
	RS								
	WDB		5/9/2009	5/9/2009	W9539-02	Thailand	080959		Request for Examination
	RS								
	WDB		5/9/2009	5/9/2009	W9530-02	Thailand	074939		Request for Examination
	RS								
	WDB		5/9/2009	5/9/2009	W9553-02	Thailand	080961		Request for Examination
	RS								
	WDB		7/8/2009	7/8/2009	W9566-02	Thailand	081682		Request for Examination
	RS								
	WDB		7/18/2009	7/18/2009	W9552-01	Thailand	082778		Request for Examination
	RS								

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